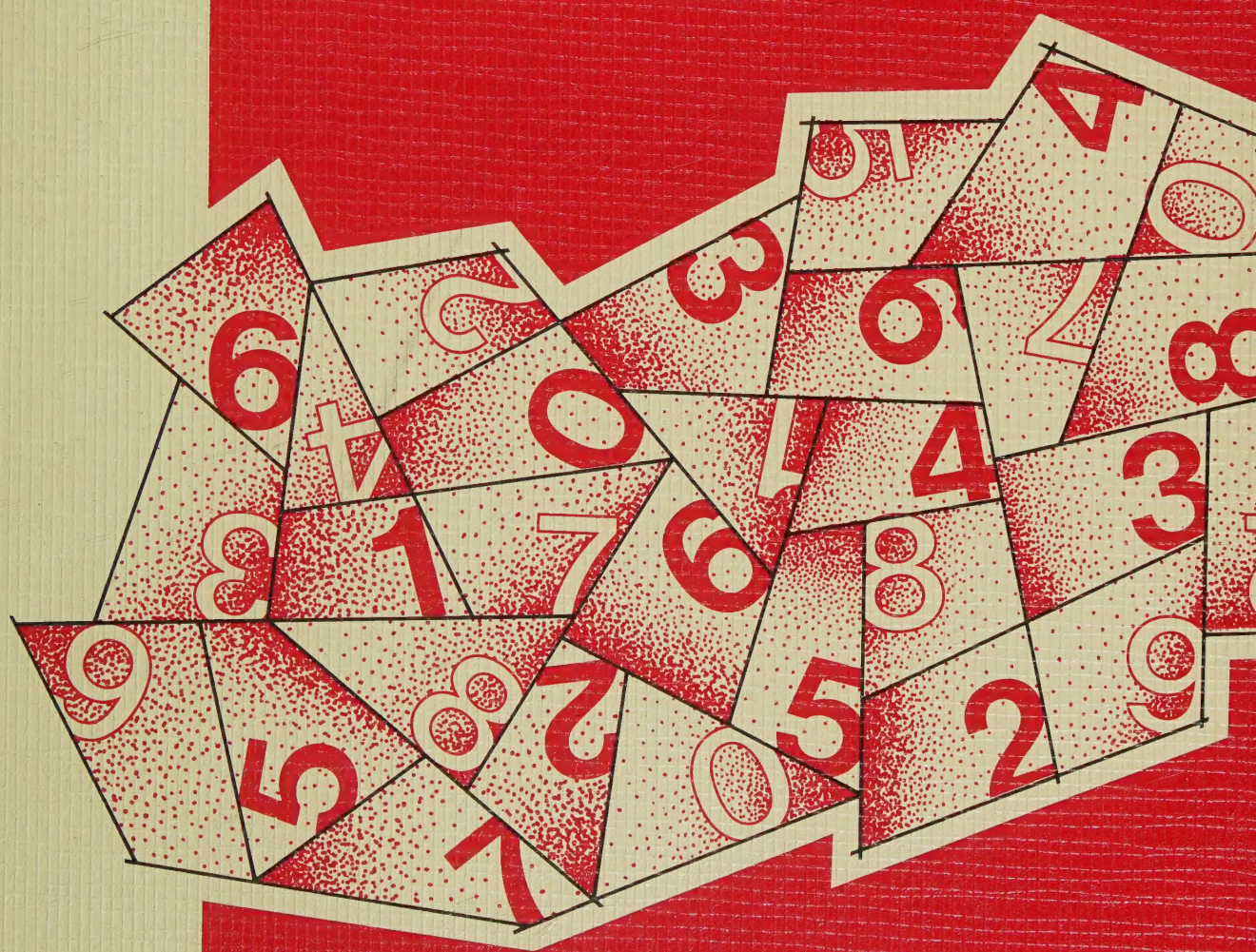


CSO Annual Abstract of Statistics

1989 Edition



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Introduction

The *Annual Abstract of Statistics* for the United Kingdom is prepared by the Central Statistical Office in collaboration with statistics divisions of other Government departments. The name of the department or organisation providing the statistics is given under each table. Some of the statistics provided by government departments are actually collected by other organisations such as the national associations. The assistance provided by these organisations is gratefully acknowledged.

In addition, an Index of Sources is given on pages 320 to 326, which sets out the official publications or other sources from which tables in this issue contain the latest statistics available, even though they may not yet have appeared in departmental publications.

Most of the tables in this *Abstract of Statistics* give annual figures, so far as they are available, for each of the years 1977 to 1987 and some include figures for the early months of 1988. Current data for many of the series appearing in the *Abstract* are contained in *Economic Trends*, the *Monthly Digest of Statistics* and in *Financial Statistics*, all prepared by the Central Statistical Office. Regional information, supplementary to the national figures in this *Abstract*, is published in *Regional Trends* also prepared by the Central Statistical Office. These publications are available from Her Majesty's Stationary Office at the address given on the back cover.

Definitions

Area covered. Except where otherwise stated all statistics relate to the United Kingdom of Great Britain and Northern Ireland.

Time series. So far as possible annual totals are given throughout, but quarterly or monthly figures are given where these are more suitable to the type of series. Except where it is stated to the contrary all statistics are for calendar years ended 31 December.

For some series, weekly data are collected and not figures for calendar years. In such cases the figures appearing for particular years are cumulative totals for 52 or 53 weeks and attention to this is drawn by the footnotes to the tables. Since the series have not been adjusted to make them equivalent to a calendar year, care must be taken in making comparisons between annual figures for periods of differing numbers of weeks.

Explanatory notes. Several sections of the *Abstract* are preceded by explanatory notes which should be read in conjunction with the tables. Definitions of many of the terms occurring in the *Abstract* and the *Monthly Digest of Statistics* are given in the *Supplement of Definitions and Explanatory Notes* to the *Monthly Digest*, published annually. Detailed notes on items which appear in both the *Abstract* and *Financial Statistics* are given in an annual supplement to the latter entitled *Financial Statistics: Explanatory Handbook*. The original sources listed in the Index of Sources may also be consulted.

Consumption and stocks. Statistics of consumption and stocks should be used with care. The terms 'consumption', 'disposals' and 'stocks' are defined in details given in the *Supplement* to the *Monthly Digest of Statistics*. The stocks figures given may often relate to only part of the total stocks in the country.

Standard Industrial Classification

The Standard Industrial Classification has been prepared as a means of securing uniformity and comparability in the statistics published by government departments in the United Kingdom. It is a system of classification according to industry; it does not relate to commodities or occupations for which other systems of classification have been devised. It was compiled to conform with the organisation and structure of industry within the United Kingdom.

A revised Classification, which replaces the 1968 Classification was published in 1979 and came into general use in 1983. One of the principal objectives of this revision is to eliminate such differences, as the structure of British industry allows, between the activity classification of the European Community, ('Nomenclature Generale des Activites Economiques dans les Communautés Europeennes (NACE)') and the 1968 Classification. The 1980 Classification is a different structure from its predecessor with 10 Divisions, 60 Classes, 22 Groups and 334 activity Headings. Full details are available from *Standard Industrial*

Classification revised 1980 (HMSO 1979, price £4.25 net) and *Indexes to the Standard Industrial Classification Revised 1980* (HMSO 1981, price £12.95 net). A detailed reconciliation between the 1980 and the 1968 Classifications is available only from the Central Statistical Office, Branch 7, Great George St, London SW1P 3AQ, price £2.00.

Revisions and changes in content

Revisions. The scope of the *Abstract* is revised from time to time to include new statistical information as it becomes available. Some of the figures, particularly for the latest year, are provisional and are revised in a subsequent issue of the *Abstract*.

New table. The following new tables have been added:

Table 3.34 — Deaths due to occupation related lung diseases.

Table 3.35 — Cases of occupational disease awarded benefit under the Industrial Injuries schemes and Pneumoconiosis, Byssinosis and Miscellaneous Diseases benefit schemes.

Table 9.8 — Distribution of Hired regular full time men in agriculture by earnings band in Great Britain - 1987.

Table 17.28 — Company insolvencies.

Table 17.29 — Industry Analysis: Bankruptcies and Deeds of arrangement

Table 17.30 — Company Insolvencies

Chapters 3, 8, 9, 14, 17 — Please note that some of the tables in these chapters have been re-numbered.

Deletions.

The following tables have been deleted:

Table 3.19 — Sickness and invalidity benefit: days of certified incapacity in statistical year.

Table 3.35 — Industrial diseases in Great Britain.

Table 8.2 — Index of output of the production industries - selected component indicators

Table 14.9 — Index numbers of components of expenditure at 1980 prices.

Table 17.31 — Company liquidations.

Symbols and conventions used

Change of basis. Where consecutive figures have been compiled on different bases and are not strictly comparable, a footnote is added indicating the nature of the difference.

Units of measurement. A table showing the various units of measurement used in this *Abstract* and, where appropriate, their metric equivalents, is given on the inside back cover.

Rounding of figures. In tables where figures have been rounded to the nearest final digit, there may be an apparent slight discrepancy between the sums of the constituent items and the total as shown.

Symbols. The following symbols have been used throughout:

. . . = not available
— = nil or negligible (less than half the final digit shown)
nei = not elsewhere included
nes = not elsewhere specified

Central Statistical Office
Great George Street
London SW1P 3AQ

November 1988

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1 Area and Climate

1.1 Area of the United Kingdom at 31 March 1981

Metric measure	Total	Land	Inland water ¹	Total	Land	Inland water ¹
	Thousand hectares			Square kilometres		
United Kingdom	24 410	24 088	322	244 100	240 882	3 218
Great Britain	22 998	22 740	258	229 979	227 399	2 580
England and Wales	15 121	15 032	89	151 207	150 319	888
England	13 044	12 968	76	130 439	129 681	758
Wales	2 077	2 064	13	20 768	20 638	130
Scotland	7 877	7 708	169	78 772	77 080	1 692
Northern Ireland ²	1 412	1 348	64	14 121	13 483	638
Imperial measure	Thousand acres			Square miles		
United Kingdom	60 318	59 524	794	94 247	93 005	1 242
Great Britain	58 829	56 192	637	88 795	87 799	996
England and Wales	37 364	37 145	219	58 381	58 038	343
England	32 232	32 045	187	50 363	50 070	293
Wales	5 132	5 100	32	8 018	7 968	50
Scotland	19 465	19 047	418	30 414	29 761	653
Northern Ireland ²	3 489	3 332	157	5 452	5 206	246
Standard regions						
Thousand Square Kilometres						
United Kingdom	244.1					
North	15.4					
Yorkshire & Humberside	15.4					
East Midlands	15.6					
East Anglia	12.6					
South East	27.2					
South West	23.9					
West Midlands	13.0					
North West	7.3					
Wales	20.8					
Scotland	78.8					
Northern Ireland	14.0					

1 Excluding tidal water.

2 Excluding certain tidal waters that are parts of statutory areas in Northern Ireland.

Sources *Ordnance Survey; Ordnance Survey of Northern Ireland; Central Statistical Office*

1.2 Mean daily air temperature at sea level

Degrees celsius¹

	Average 1951 – 80	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales												
Annual mean	9.8	10.0	9.8	9.3	9.9	9.7	10.4	10.4	9.8	9.2	9.1	9.5
January	4.0	3.5	3.9	0.9	3.1	5.2	3.6	7.0	3.8	1.3	4.1	1.4
February	4.1	5.7	3.1	1.9	6.3	3.7	5.5	2.6	3.5	2.8	−0.4	4.1
March	5.9	7.5	7.2	5.3	5.4	8.3	6.6	7.0	4.6	5.0	5.4	4.6
April	8.2	7.7	6.8	8.1	9.0	8.2	8.9	7.3	8.5	8.7	6.1	10.3
May	11.3	10.8	11.5	10.3	11.3	11.6	11.9	10.6	10.1	11.0	11.3	10.3
June	14.3	12.8	14.0	14.3	14.3	13.8	15.7	14.6	14.7	12.9	14.8	13.1
July	16.0	16.2	15.1	16.5	15.0	16.0	16.8	19.2	16.6	16.4	16.1	16.2
August	15.9	15.7	15.4	15.4	16.3	16.6	16.4	17.6	17.2	15.0	14.1	16.0
September	14.0	13.7	14.5	13.9	15.2	15.1	14.8	14.2	13.7	14.9	11.9	14.2
October	11.0	12.2	12.4	11.9	9.6	8.9	10.7	11.0	11.2	11.4	11.4	10.3
November	7.1	7.0	9.0	7.3	7.0	8.1	8.5	8.1	8.6	4.7	8.3	7.2
December	5.1	6.6	4.8	6.3	6.0	1.4	4.9	6.3	5.5	6.7	6.4	6.1
Scotland												
Annual mean	8.5	8.5	8.6	7.9	8.7	8.4	8.9	9.1	8.3	7.6	7.9	8.2
January	3.5	2.8	2.8	0.8	2.8	4.3	2.9	5.6	1.5	1.6	2.9	2.0
February	3.4	3.6	1.9	1.9	4.9	3.9	5.5	2.7	2.8	3.4	0.5	3.5
March	5.1	6.3	5.9	3.6	4.2	6.0	5.6	6.2	4.1	4.2	5.0	3.8
April	7.1	6.4	6.1	6.7	8.3	7.3	8.2	5.8	7.2	7.2	5.2	8.5
May	9.9	9.5	10.9	8.3	10.4	10.6	9.9	9.0	9.1	9.7	9.9	9.3
June	12.7	11.5	12.5	12.8	12.7	12.9	12.8	12.2	12.5	11.4	13.0	11.0
July	13.9	14.7	13.2	13.8	13.5	13.9	15.1	16.0	14.6	14.1	13.8	14.3
August	13.9	13.9	13.9	13.2	14.1	14.7	14.3	15.5	14.9	13.2	12.1	13.8
September	12.2	11.7	12.6	11.9	13.3	13.1	12.2	13.3	11.1	11.9	10.7	11.9
October	9.8	11.2	11.0	10.6	8.1	6.7	9.6	9.4	9.2	10.3	9.8	8.2
November	6.0	5.4	7.6	5.9	6.3	6.3	6.6	7.2	7.4	3.5	7.1	6.4
December	4.5	5.8	4.2	4.7	5.5	0.8	3.9	6.1	5.6	4.9	4.7	5.2
Northern Ireland												
Annual mean	9.0	9.1	9.3	8.4	9.2	9.2	9.4	9.8	8.4	8.6	8.3	8.9
January	4.0	2.9	3.6	0.9	2.7	5.6	4.0	5.8	2.2	1.3	3.6	3.2
February	4.2	4.3	3.4	2.6	5.4	4.5	5.6	3.2	2.3	4.2	1.3	4.2
March	5.7	7.0	6.3	4.3	4.9	7.3	6.2	7.0	4.5	5.0	5.4	4.9
April	7.7	7.3	6.7	6.9	8.7	8.2	9.0	6.0	7.3	8.3	5.4	9.3
May	10.3	10.0	11.4	8.6	11.3	10.9	10.8	9.8	8.5	9.8	10.0	10.0
June	13.1	12.4	12.7	13.1	12.8	13.1	14.1	13.2	12.9	12.0	13.8	11.6
July	14.4	15.8	14.1	15.1	13.8	14.5	15.6	17.5	14.7	14.5	14.3	15.1
August	14.3	14.6	14.4	13.8	15.1	15.4	12.9	16.7	15.4	13.3	12.1	14.6
September	12.6	12.2	13.6	12.5	13.9	13.6	12.9	14.5	12.0	13.6	11.3	12.2
October	10.2	11.6	11.9	10.9	9.9	7.2	10.3	10.1	9.3	10.7	10.1	8.3
November	6.4	5.1	8.4	7.1	6.7	7.5	6.5	7.8	6.3	4.3	7.1	7.0
December	5.1	6.2	4.5	4.8	5.7	2.2	4.4	6.8	5.4	5.9	5.5	6.1

1 To convert degrees celsius into degrees fahrenheit: multiply by 9, divide by 5, and add 32.

Source Meteorological Office

1.3 Rainfall

Millimetres												
	Average 1941 – 70	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales												
Annual total	912	925	905	1 002	979	998	973	879	899	885	992	914
January	86	101	111	86	78	58	72	92	144	72	120	30
February	65	138	86	66	93	52	44	42	57	29	17	58
March	59	73	78	125	104	153	101	67	59	66	80	83
April	58	51	52	68	18	64	23	108	11	70	84	66
May	67	52	47	124	32	91	46	117	59	65	85	48
June	61	85	70	42	128	49	129	37	43	94	43	102
July	73	24	89	33	74	55	39	40	27	73	54	77
August	90	102	71	94	96	48	90	33	57	117	117	72
September	83	36	54	38	67	141	78	101	116	46	27	67
October	83	64	19	78	131	124	125	78	100	48	98	171
November	97	104	54	87	87	69	126	53	145	77	124	81
December	90	95	174	161	71	94	100	111	81	128	143	59
Scotland												
Annual total	1 431	1 457	1 419	1 531	1 533	1 523	1 675	1 456	1 473	1 505	1 642	1 353
January	137	127	158	120	120	157	154	220	223	85	192	70
February	104	137	104	38	95	91	107	59	111	47	21	95
March	92	129	166	178	113	152	153	149	103	95	169	142
April	90	116	52	96	20	33	46	74	60	111	80	76
May	91	74	40	102	18	87	92	115	24	73	176	77
June	92	78	69	75	150	103	72	86	66	84	63	101
July	112	63	90	105	125	92	57	43	55	167	87	120
August	129	110	110	143	146	52	156	51	50	224	120	126
September	137	146	177	112	172	235	200	172	166	200	66	160
October	149	178	99	152	187	218	196	230	216	85	159	165
November	142	207	198	204	181	216	229	49	233	141	232	107
December	156	92	156	206	206	87	213	208	166	193	277	114
Northern Ireland												
Annual total	1 095	1 027	1 077	1 142	1 159	1 209	1 165	952	1 037	1 114	1 173	993
January	104	104	134	96	115	100	107	117	180	76	155	49
February	75	152	74	29	104	68	90	51	111	38	5	63
March	70	82	113	98	113	128	112	113	72	86	115	99
April	68	74	32	82	19	47	24	59	30	76	106	50
May	73	26	31	96	37	141	65	83	22	74	124	42
June	79	53	57	54	118	88	123	53	57	74	46	100
July	93	49	68	51	81	78	21	20	49	118	74	82
August	103	98	80	137	84	43	92	35	71	183	141	133
September	107	69	112	75	118	175	99	111	104	156	10	133
October	107	105	54	138	148	154	126	132	112	49	106	96
November	102	118	117	163	88	94	167	39	114	86	131	80
December	114	97	205	123	134	93	139	139	115	98	160	66

1 1 millimetre = 0.0394 inches.

Source Meteorological Office

1.4 Mean daily sunshine

												Hours
	Average 1951 – 80	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales												
Annual mean	4.05	3.95	3.66	3.90	3.89	3.64	4.09	3.90	4.29	3.95	4.14	3.74
January	1.61	1.57	1.62	1.92	2.00	1.64	1.85	1.62	2.18	1.71	1.85	1.69
February	2.35	2.36	1.90	2.09	1.63	2.48	1.98	2.70	2.14	2.87	2.73	2.35
March	3.60	2.97	3.81	2.94	2.78	2.13	4.87	2.79	2.09	3.75	4.00	3.28
April	5.06	5.48	3.79	4.27	5.64	4.37	5.90	4.73	7.42	4.54	4.45	5.30
May	6.31	7.45	6.50	5.99	7.32	4.61	7.32	4.35	5.58	5.54	6.31	6.25
June	6.70	5.16	5.50	5.70	5.50	5.23	5.43	5.84	7.03	5.70	6.83	4.09
July	5.91	6.23	4.65	5.70	5.00	5.00	5.59	7.41	7.89	6.32	5.35	5.61
August	5.55	4.99	4.71	5.43	4.77	6.08	5.43	6.90	6.53	5.22	4.61	5.05
September	4.59	3.86	4.93	5.42	4.66	5.28	4.93	3.68	3.84	4.45	5.69	5.05
October	3.26	3.48	2.96	3.41	3.58	3.71	2.31	3.64	3.31	3.39	3.68	3.42
November	2.10	2.77	2.44	2.19	1.92	1.71	1.99	1.53	1.73	2.69	2.50	1.76
December	1.47	1.31	1.12	1.68	1.75	1.48	1.46	1.68	1.73	1.19	1.69	1.07
Scotland												
Annual mean	3.51	3.81	3.20	3.37	3.17	3.49	3.53	3.14	3.37	3.26	3.53	3.30
January	1.33	1.74	1.47	1.53	1.26	1.19	1.19	1.02	1.21	1.55	1.14	1.22
February	2.42	2.61	2.50	3.04	1.52	2.53	2.16	2.40	1.62	2.79	2.95	2.20
March	3.29	2.55	3.16	3.42	2.69	3.19	3.74	2.18	2.21	3.33	3.68	3.49
April	5.00	4.99	3.84	3.94	5.54	6.18	4.84	4.42	5.97	3.84	4.30	4.05
May	5.74	6.72	6.37	5.28	7.40	5.45	6.89	3.67	6.75	5.42	5.05	5.68
June	5.88	6.48	5.44	5.62	4.57	4.92	5.27	5.50	4.78	5.64	6.53	4.59
July	4.86	5.72	4.28	3.56	3.70	4.14	6.01	5.87	5.54	3.79	4.18	3.89
August	4.56	5.82	3.32	4.03	3.36	4.79	4.39	5.02	4.71	3.97	4.51	4.20
September	3.65	3.45	3.08	4.56	2.93	3.52	3.34	2.89	2.79	3.03	4.31	4.93
October	2.68	2.54	2.46	2.40	2.81	3.24	2.05	2.40	2.54	3.15	3.16	2.74
November	1.66	1.95	1.66	1.85	1.45	1.56	1.45	1.52	1.23	1.69	1.64	1.49
December	1.07	1.17	0.86	1.21	0.86	1.13	0.98	0.80	1.09	0.93	0.88	1.10
Northern Ireland												
Annual mean	3.41	3.75	3.11	3.28	3.08	3.04	3.56	3.04	3.45	3.02	3.46	3.16
January	1.47	1.66	1.84	1.66	1.46	1.15	1.53	1.30	1.40	1.80	1.22	1.47
February	2.31	1.67	2.50	2.52	1.81	1.94	2.19	2.35	1.60	2.32	2.63	2.38
March	3.23	2.73	3.22	3.49	2.96	2.66	4.73	1.90	2.26	2.78	3.62	2.52
April	5.01	4.96	3.91	4.21	4.91	5.51	5.16	5.30	5.79	4.17	5.16	3.36
May	5.70	7.63	5.47	5.10	7.26	4.43	5.78	4.12	7.64	4.86	4.90	5.93
June	5.60	6.05	4.28	4.80	3.31	4.28	4.51	4.05	4.81	5.54	5.15	3.70
July	4.25	5.58	4.05	3.18	3.62	3.31	5.75	5.80	5.19	3.27	2.68	3.53
August	4.37	6.15	2.89	4.38	3.20	4.02	4.02	4.38	3.69	3.23	4.06	3.67
September	3.50	3.33	3.08	3.76	3.01	3.72	3.65	2.61	3.35	2.73	5.32	4.97
October	2.56	2.47	2.98	2.95	2.66	3.11	2.58	2.77	3.10	2.60	3.35	3.64
November	1.81	2.32	1.74	2.05	1.83	1.52	1.54	1.17	1.64	1.85	2.37	1.70
December	1.11	0.65	1.42	1.30	0.91	0.82	1.25	0.80	0.89	1.14	1.11	1.03

Source Meteorological Office

2 Population and Vital Statistics

This section begins with a summary of population figures for the United Kingdom and constituent countries from 1851 to 2025 and for Great Britain from 1801 (table 2.1). Table 2.2 analyses the elements of population change. Tables 2.3–2.4 give details of the national sex/age structure for years up to the present date. The marital condition of the population is given in tables 2.5 and 2.6. Table 2.7 gives projections of the population by sex/age up to the year 2025. The distribution of population at local and regional level is summarised in tables 2.8 and 2.9.

In the main, historical series relate to Census information while mid-year estimates are given for the recent past and the present.

Population (Tables 2.1–2.4).

Figures shown in these tables relate to the population enumerated at successive censuses, mid-year estimates and population projections.

Definition of resident population

The estimated population of an area includes all those usually resident in the area, whatever their nationality. Members of HM and non-UK armed forces are taken to be resident at their stationed address. Students are taken to be resident at their term-time address.

The current series of estimates are updated annually, starting with those derived from the 1981 Census of Population and then allowing for births, deaths and migration.

Projected Resident population of the United Kingdom and constituent countries (Table 2.7).

These projections are prepared by the Government Actuary, in consultation with the Registrars General, as a common framework for use in national planning in a number of different fields. A single principal projection for the next 40 years is made periodically on a set of assumptions which seems most appropriate on the basis of the statistical evidence available at the time. The projection is not, however, to be regarded as a ‘forecast’ in the normal sense of the word as population cannot be predicted over a 40-year period, and this is emphasised by the production every few years of supplementary projections made on assumptions differing from those of the principal projection.

The projections in table 2.7 have been made on the following assumptions. Where appropriate, differing assumptions have been made for the constituent countries of the United Kingdom and the averages of the assumed rates are quoted here.

Base population: As estimated for mid-1985 by the Registrars General.

Mortality: Death rates at the outset are based on recent experience. Over a period of 40 years the rates are assumed to decline by 15 per cent or more; the improvement assumed at the different ages ranges up to 27 per cent.

Births: There were 751 000 in 1985. The estimates assume 727 000 in 1986, 772 000 in 1987 and 790 000 in 1988. Fertility rates then rise gradually until 2008 when they reach a level, each woman on average producing 2 live-born children. After 1985, live-births fluctuate in line with the numbers of young women, reaching a peak of 838 000 in 1993, then falling to 711 000 in 2008 and rising again to 760 000 in 2025. A constant sex ratio of 106 boys to 100 girls has been assumed.

Migration: Allowance has been made for net outward migration of 17 000 persons a year for each year of the projection period after 1986–87.

Geographical distribution of the enumerated population: census figures (Table 2.8).

The urban and rural districts and the conurbations shown in the table are based on local government administrative areas as they were prior to reorganisation in England and Wales in 1974 and in Scotland in 1975. Preliminary population counts from the 1981 Census were prepared for these areas in England and Wales, but it was not possible to continue the series to 1981 in Scotland or in Northern Ireland.

A new study of urban land and population based on the 1981 Census of Population has been made in Great Britain and the results published in *1981 Census, Key Statistics for Urban Areas, Great Britain*. This gives the total population in Great Britain in urban areas in 1981 as 48 655 thousand and the population in remaining rural areas as 5 630 thousand, indicating that the division by administrative areas underestimated the urban population. However, it is not possible to give statistics of population in earlier years for the new urban areas, so the series based on administrative areas is given in table 2.8.

Migration into and out of the United Kingdom (Tables 2.10 and 2.11).

A migrant into the United Kingdom is defined as a person who has resided abroad for a year or more and on entering has declared the intention to reside here for a year or more; and *vice versa* for a migrant from the United Kingdom. Estimates are derived from the International Passenger Survey (IPS), a sample survey covering the principal air and sea routes between the United Kingdom and overseas but excluding routes to and from the Irish Republic. The figures include British citizens as well as people subject to immigration control.

In table 2.11, type of occupation is that followed prior to migration.

Acceptances for settlement in the United Kingdom (Table 2.12).

This table presents in geographic regions the statistics of individual nationalities, arranged alphabetically within each region. The figures are on a different basis to those derived from the IPS (tables 2.10 and 2.11) and relate only to people subject to immigration control. It should be noted that information is not separately available for all nationalities and countries and therefore the group sub-totals shown are simply the totals of the countries listed.

Divorce (Table 2.14, 2.15).

Table 2.14 gives figures relating to dissolutions and annulment with duration of marriage and age of wife. Scottish figures prior to 1979 relate only to marriages which took place in Scotland. Data in table 2.15 relate to petitions filed and grounds for divorce and separation.

Births (Table 2.16).

For Scotland and Northern Ireland the number of births throughout are those registered. For England and Wales the figures up to and including 1930–32 are for those registered and later figures shown are for those occurring in each year.

Deaths (Tables 2.19–2.22).

The figures relate to the number of deaths registered during the calendar year, the normal time lag between occurrence and registration being a matter of days only.

Life tables (Table 2.23).

The interim life tables are constructed from the estimated Home population in 1984–86 and the total deaths registered in those years.

2.1

Population summary

Thousands

	United Kingdom			England and Wales			Wales	Scotland			Northern Ireland		
	Persons	Males	Females	Persons	Males	Females	Persons	Persons	Males	Females	Persons	Males	Females
Enumerated population: census figures													
1801	..	..	..	8 893	4 255	4 638	587	1 608	739	869	..	..	..
1851	22 259	10 855	11 404	17 928	8 781	9 146	1 163	2 889	1 376	1 513	1 442	698	745
1901	38 237	18 492	19 745	32 528	15 729	16 799	2 013	4 472	2 174	2 298	1 237	590	647
1911	42 082	20 357	21 725	36 070	17 446	18 625	2 421	4 761	2 309	2 452	1 251	603	648
1921 ¹	44 027	21 033	22 994	37 887	18 075	19 811	2 656	4 882	2 348	2 535	1 258	610	648
1931 ¹	46 038	22 060	23 978	39 952	19 133	20 819	2 593	4 843	2 326	2 517	1 243	601	642
1951	50 225	24 118	26 107	43 758	21 016	22 742	2 599	5 096	2 434	2 662	1 371	668	703
1961	52 709	25 481	27 228	46 105	22 304	23 801	2 644	5 179	2 483	2 697	1 425	694	731
1966 ²	53 788	26 044	27 745	47 136	22 841	24 295	2 663	5 168	2 479	2 689	1 485	724	761
1971	55 515	26 952	28 562	48 750	23 683	25 067	2 731	5 229	2 515	2 714	1 536	755	781
Persons present													
1981	55 848	27 104	28 742	49 155	23 873	25 281	2 792	5 131	2 466	2 664	1 533 ⁴	750	783
Usually resident													
1981	55 089	26 803	28 286	48 522	23 625	24 897	2 750	5 035	2 428	2 607	1 532	749	783
Resident population: mid-year estimates													
1958	51 652	24 887	26 765	45 109	21 744	23 365	2 615	5 141	2 460	2 682	1 402	684	719
1959	51 956	25 043	26 913	45 386	21 885	23 501	2 623	5 163	2 472	2 690	1 408	686	722
1960	52 372	25 271	27 102	45 775	22 097	23 678	2 629	5 178	2 482	2 696	1 420	692	728
1961	52 807	25 528	27 279	46 196	22 347	23 849	2 635	5 184	2 485	2 698	1 427	696	732
1962	53 292	25 826	27 465	46 657	22 631	24 026	2 652	5 198	2 495	2 703	1 437	700	737
1963	53 625	25 992	27 633	46 973	22 787	24 186	2 664	5 205	2 500	2 705	1 447	705	741
1964	53 991	26 191	27 800	47 324	22 978	24 346	2 677	5 208	2 501	2 707	1 458	711	747
1965	54 350	26 368	27 982	47 671	23 151	24 521	2 693	5 210	2 501	2 709	1 468	716	752
1966	54 643	26 511	28 132	47 966	23 296	24 671	2 702	5 201	2 496	2 704	1 476	719	757
1967	54 959	26 673	28 286	48 272	23 451	24 821	2 710	5 198	2 496	2 702	1 489	726	763
1968	55 214	26 784	28 429	48 511	23 554	24 957	2 715	5 200	2 498	2 702	1 503	733	770
1969	55 461	26 908	28 553	48 738	23 666	25 072	2 722	5 208	2 503	2 706	1 514	739	776
1970	55 632	26 992	28 641	48 891	23 738	25 153	2 729	5 214	2 507	2 707	1 527	747	781
1971	55 928	27 167	28 761	49 152	23 897	25 255	2 740	5 236	2 516	2 720	1 540	755	786
1972	56 097	27 259	28 837	49 327	23 989	25 339	2 755	5 231	2 513	2 717	1 539	758	782
1973	56 223	27 332	28 891	49 459	24 061	25 399	2 773	5 234	2 515	2 719	1 530	756	774
1974	56 236	27 349	28 887	49 468	24 075	25 393	2 785	5 241	2 519	2 722	1 527	755	772
1975	56 226	27 361	28 865	49 470	24 091	25 378	2 795	5 232	2 516	2 716	1 524	753	770
1976	56 216	27 360	28 856	49 459	24 089	25 370	2 799	5 233	2 517	2 716	1 524	754	770
1977	56 190	27 345	28 845	49 440	24 076	25 364	2 801	5 226	2 515	2 711	1 523	754	769
1978	56 178	27 330	28 849	49 443	24 067	25 375	2 804	5 212	2 509	2 704	1 523	754	770
1979	56 240	27 373	28 867	49 508	24 113	25 395	2 810	5 204	2 505	2 699	1 530	755	773
1980	56 330	27 411	28 919	49 603	24 156	25 448	2 816	5 194	2 501	2 693	1 533	755	778
1981	56 352	27 409	28 943	49 634	24 160	25 474	2 814	5 180	2 495	2 685	1 538	754	784
1982	56 306	27 386	28 920	49 601	24 143	25 459	2 807	5 167	2 490	2 677	1 538	754	784
1983	56 347	27 417	28 931	49 654	24 176	25 478	2 808	5 153	2 488	2 665	1 543	756	788
1984	56 460	27 487	28 973	49 764	24 244	25 519	2 807	5 146	2 484	2 662	1 551	760	791
1985	56 618	27 574	29 044	49 924	24 330	25 594	2 812	5 137	2 481	2 656	1 558	763	795
1986	56 763	27 647	29 116	50 075	24 403	25 672	2 821	5 121	2 475	2 646	1 567	768	798
1987	56 930	27 737	29 193	50 243	24 493	25 750	2 836	5 112	2 471	2 641	1 575	773	802
Resident population: projections (mid-year) ³													
1991	57 542	28 096	29 447	50 857	24 845	26 011	2 872	5 084	2 463	2 621	1 601	787	814
2001	59 094	28 952	30 142	52 413	24 845	26 721	2 942	5 020	2 442	2 578	1 662	819	843
2011	59 855	29 428	30 427	53 306	26 220	27 087	2 964	4 865	2 376	2 489	1 684	833	851
2021	60 736	29 948	30 788	54 370	26 819	27 551	2 989	4 680	2 293	2 387	1 685	835	850
2031	61 174	30 206	30 968	54 979	27 154	27 826	..	4 496	2 207	2 290	1 698	845	853

1 Figures for Northern Ireland are estimated. The population at the census of 1926 was 1 257 thousand (608 thousand males and 649 thousand females).

2 Except for Northern Ireland, where a full census was taken, figures are based on the 10 per cent sample census.

3 These projections are 1987-based. More detail given in Table 2.7.

4 The figures include 44 500 non-enumerated persons.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland); Government Actuary's Department

2.2 Population changes

Thousands

	Population at beginning of period ¹	Average annual change					Net civilian migration	Other adjustments ³
		Total increase or decrease(–)	Births	Deaths ²	Excess of births over deaths			
United Kingdom								
1901–1911	38 237	385	1 091	624	467		– 82	
1911–1921	42 082	195	975	689	286		– 92	
1921–1931	44 027	201	824	555	268		– 67	
1931–1951	46 038	213	793	603	190		+ 22	
1951–1961	50 290	252	839	593	246	– 7	+ 13	
1961–1971	52 807	310	962	638	324	– 32	+ 18	
1971–1981	55 928	42	736	666	69	– 44	+ 17	
1981–1987	56 352	96	738	658	80	+ 12	+ 4	
1985–1991	56 618	139	788	649	139	– 0		
1991–2001	57 452	151	815	647	168	– 17		
2001–2011	58 957	47	723	659	64	– 17		
2011–2021	59 422	47	749	685	64	– 17		
England and Wales								
1901–1911	32 528	354	929	525	404		– 50	
1911–1921	36 070	182	828	584	244		– 62	
1921–1931	37 887	207	693	469	224		– 17	
1931–1951	39 952	193	673	518	155		+ 38	
1951–1961	43 815	238	714	516	197	+ 30	+ 10	
1961–1971	46 196	296	832	560	272	+ 7	+ 16	
1971–1981	49 152	48	638	585	53	– 18	+ 13	
1981–1987	49 634	101	644	578	66	+ 32	+ 4	
1985–1991	49 924	133	639	573	116	+ 17		
1991–2001	50 726	145	716	572	145	0		
2001–2011	52 171	56	638	582	56	0		
2011–2021	52 731	59	665	606	59	0		
Scotland								
1901–1911	4 472	29	131	76	54		– 25	
1911–1921	4 761	12	118	82	36		– 24	
1921–1931	4 882	– 4	100	65	35		– 39	
1931–1951	4 843	13	92	67	25	– 11	– 1	
1951–1961	5 102	8	95	62	34	– 28	+ 2	
1961–1971	5 184	3	97	63	34	– 32	+ 2	
1971–1981	5 236	– 6	70	64	6	– 15	+ 4	
1981–1987	5 180	– 11	66	64	2	– 14	–	
1985–1991	5 137	– 3	71	61	10	– 13		
1991–2001	5 121	– 2	71	60	11	– 13		
2001–2011	5 104	– 14	59	60	– 1	– 13		
2011–2021	4 966	– 15	60	62	– 2	– 13		
Northern Ireland								
1901–1911	1 237	1	31	23	8		– 6	
1911–1921	1 251	1	29	22	7		– 6	
1921–1931	1 258	– 2	30	21	9		– 11	
1931–1951	1 243	6	28	18	10		– 4	
1951–1961	1 373	5	30	15	15	– 9	–	
1961–1971	1 427	11	33	16	17	– 7	+ 1	
1971–1981	1 540	0	28	17	11	– 11	–	
1981–1987	1 538	6	28	16	12	– 5	– 1	
1985–1991	1 558	8	28	15	13	– 5		
1991–2001	1 606	7	27	15	12	– 5		
2001–2011	1 681	4	25	16	9	– 5		
2011–2021	1 725	2	24	17	7	– 5		

1 Census enumerated population up to 1951; mid-year estimates of Resident population from 1951 to 1987 and mid-1987 based projections of Resident population thereafter.

2 Including deaths of non-civilians and merchant seamen who died outside the country. These numbered 577 000 in 1911–1921 and 240 000 in 1931–1951

for England and Wales; 74 000 in 1911–1921 and 34 000 in 1931–1951 for Scotland; and 10 000 in 1911–1926 for Northern Ireland.

3 For England and Wales, changes in Armed Forces, in visitor balance and other adjustments.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland); Government Actuary's Department

2.3 Age distribution of the enumerated population: census figures
United Kingdom

	1901	1911	1931 ¹	1951	1961	1971	1981 ^{2, 3}
Persons: all ages	38 237	42 082	46 038	50 225	52 709	55 515	55 089
Under 5	4 381	4 516	3 531	4 326	4 213	4 505	3 349
Under 18	..	..	..	13 248	14 631	15 705	14 272
Under 21	..	..	..	15 162	16 667	17 993	16 931
5 – 14	8 040	8 452	7 643	6 999	8 123	8 882	8 106
15 – 29	10 808	11 180	11 853	10 328	10 258	11 678	12 409
30 – 44	7 493	8 923	9 717	11 125	10 526	9 759	10 760
45 – 64	5 706	6 764	9 877	11 980	13 400	13 384	12 296
65 – 74	1 278	1 624	2 461	3 689	3 971	4 713	5 049
75 and over	531	623	957	1 777	2 218	2 594	3 120
Under 1	938	915	712	773	893	891	713
1 and under 2	857	870	699	805	849	878	714
2 – 4	2 586	2 731	2 119	2 748	2 471	2 736	1 923
5 – 9	4 106	4 338	3 897	3 689	3 815	4 670	3 685
10 – 14	3 934	4 114	3 746	3 310	4 307	4 213	4 420
15 – 19	3 826	3 919	3 989	3 175	3 695	3 832	4 611
20 – 24	3 674	3 702	4 024	3 393	3 305	4 237	4 081
25 – 29	3 308	3 560	3 841	3 761	3 258	3 610	3 717
30 – 34	2 833	3 320	3 494	3 515	3 403	3 259	4 114
35 – 39	2 494	3 021	3 195	3 786	3 680	3 169	3 485
40 – 44	2 165	2 582	3 028	3 825	3 442	3 331	3 162
45 – 49	1 837	2 227	2 901	3 603	3 658	3 544	3 051
50 – 54	1 566	1 863	2 713	3 209	3 645	3 273	3 151
55 – 59	1 236	1 487	2 365	2 746	3 313	3 360	3 242
60 – 64	1 067	1 187	1 897	2 422	2 783	3 206	2 852
65 – 69	743	949	1 455	2 069	2 236	2 707	2 730
70 – 74	535	675	1 005	1 620	1 736	2 005	2 318
75 – 79	313	372	581	1 049	1 201	1 331	1 635
80 – 84	157	173	263	506	679	790	920
85 and over	61	78	113	224	338	473	565
Males: all ages	18 492	20 357	22 060	24 118	25 481	26 952	26 803
Under 5	2 190	2 269	1 784	2 215	2 162	2 312	1 717
Under 18	..	..	..	6 753	7 491	8 064	7 318
Under 21	..	..	..	7 658	8 507	9 223	8 673
5 – 14	4 024	4 228	3 859	3 566	4 159	4 561	4 159
15 – 29	5 191	5 382	5 804	5 073	5 159	5 915	6 294
30 – 44	3 597	4 290	4 495	5 461	5 225	4 909	5 401
45 – 64	2 705	3 225	4 647	5 554	6 397	6 452	6 003
65 – 74	565	716	1 099	1 561	1 602	1 976	2 210
75 and over	219	249	372	687	776	828	1 019
Under 1	471	462	361	397	459	457	364
1 and under 2	429	438	353	412	436	451	366
2 – 4	1 290	1 369	1 070	1 406	1 266	1 404	987
5 – 9	2 052	2 170	1 967	1 885	1 954	2 395	1 893
10 – 14	1 972	2 058	1 892	1 681	2 206	2 166	2 266
15 – 19	1 898	1 948	1 987	1 564	1 870	1 961	2 356
20 – 24	1 737	1 754	1 958	1 648	1 641	2 132	2 067
25 – 29	1 556	1 680	1 860	1 861	1 649	1 822	1 871
30 – 34	1 349	1 587	1 636	1 725	1 706	1 652	2 065
35 – 39	1 200	1 459	1 462	1 856	1 831	1 598	1 750
40 – 44	1 048	1 244	1 397	1 881	1 689	1 659	1 586
45 – 49	886	1 070	1 348	1 764	1 790	1 750	1 528
50 – 54	747	893	1 274	1 495	1 779	1 591	1 556
55 – 59	582	707	1 131	1 234	1 590	1 614	1 577
60 – 64	490	555	894	1 061	1 239	1 497	1 342
65 – 69	332	429	663	885	925	1 196	1 234
70 – 74	233	287	436	675	677	779	976
75 – 79	133	153	237	428	441	461	608
80 – 84	63	68	98	189	233	244	278
85 and over	23	28	36	70	102	124	133

1 Figures included for Northern Ireland are estimated.

2 1981 data cover the 'usually resident' population and are not strictly comparable with other data.

3 The figures for Northern Ireland have been revised using a new estimate of 44 500 non-enumerated persons in the 1981 Census.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.3

Age distribution of the enumerated population: census figures
United Kingdom

(continued)

	Thousands						
	1901	1911	1931 ¹	1951	1961	1971	1981 ^{2,3}
Females: all ages	19 745	21 725	23 978	26 107	27 228	28 562	28 286
Under 5	2 190	2 247	1 747	2 111	2 051	2 194	1 632
Under 18	..	..	..	6 495	7 141	7 641	6 954
Under 21	..	..	..	7 504	8 160	8 769	8 258
5-14	4 016	4 225	3 784	3 433	3 964	4 321	3 946
15-29	5 618	5 798	6 049	5 255	5 100	5 764	6 115
30-44	3 895	4 634	5 222	5 663	5 300	4 850	5 359
45-64	3 001	3 539	5 229	6 425	7 003	6 931	6 293
65-74	713	908	1 361	2 128	2 369	2 737	2 839
75 and over	312	374	586	1 091	1 442	1 765	2 102
Under 1	466	453	351	376	434	434	349
1 and under 2	428	432	347	393	413	428	348
2-4	1 296	1 362	1 050	1 342	1 204	1 332	936
5-9	2 054	2 169	1 930	1 804	1 862	2 274	1 793
10-14	1 962	2 056	1 854	1 629	2 102	2 047	2 154
15-19	1 928	1 971	2 002	1 611	1 825	1 872	2 255
20-24	1 938	1 948	2 066	1 744	1 664	2 105	2 014
25-29	1 752	1 879	1 981	1 900	1 610	1 788	1 846
30-34	1 484	1 733	1 858	1 790	1 697	1 607	2 049
35-39	1 294	1 563	1 733	1 930	1 850	1 572	1 735
40-44	1 117	1 338	1 631	1 943	1 753	1 672	1 575
45-49	951	1 156	1 553	1 839	1 869	1 794	1 523
50-54	819	971	1 439	1 714	1 866	1 683	1 594
55-59	654	780	1 234	1 512	1 723	1 746	1 665
60-64	577	632	1 003	1 361	1 544	1 709	1 510
65-69	411	519	792	1 183	1 310	1 511	1 497
70-74	302	389	569	944	1 059	1 226	1 342
75-79	180	219	344	620	761	870	1 028
80-84	94	105	165	317	446	546	642
85 and over	38	50	77	154	235	349	432

	England and Wales				Scotland				Northern Ireland			
	1951	1961	1971	1981 ²	1951	1961	1971	1981 ²	1951	1961	1971	1981 ^{2,3}
Persons: all ages	43 758	46 105	48 750	48 522	5 096.4	5 179.3	5 229.0	5 035.3	1 370.9	1 425.0	1 536.1	1 532.2
Under 5	3 718	3 597	3 905	2 910	470.8	469.2	444.3	308.4	137.8	146.5	156.2	130.8
Under 18	11 323	12 576	13 574	12 418	1 481.4	1 567.5	1 596.7	1 350.8	443.6	487.5	534.9	502.9
Under 21	12 965	14 335	15 563	14 737	1 688.3	1 780.6	1 822.3	1 609.0	508.6	551.1	606.8	585.6
5-14	5 974	6 987	7 671	7 053	784.5	869.9	910.5	769.6	240.9	265.6	300.8	283.1
15-29	8 912	8 925	10 236	10 859	1 107.3	1 034.1	1 099.2	1 183.1	308.9	299.2	343.2	366.9
30-44	9 767	9 263	8 593	9 541	1 083.8	1 000.3	912.7	947.2	274.4	262.5	253.4	272.4
45-64	10 563	11 836	11 849	10 884	1 143.0	1 256.9	1 217.9	1 116.3	273.9	307.3	316.5	295.2
65-74	3 257	3 520	4 178	4 488	343.6	358.4	426.5	444.3	87.9	92.3	108.2	116.2
75 and over	1 568	1 976	2 318	2 786	163.5	190.5	217.9	266.5	47.0	51.6	57.8	67.8
Under 1	659	764	774	619	87.6	97.8	86.0	66.1	26.7	30.8	31.1	27.1
1 and under 2	689	725	761	622	89.0	94.3	86.4	65.0	27.1	29.8	30.9	27.4
2-4	2 370	2 107	2 370	1 669	294.2	277.1	271.9	177.3	84.1	86.0	94.2	76.2
5-9	3 162	3 262	4 044	3 207	397.9	420.7	468.4	344.4	129.2	132.4	157.1	134.3
10-14	2 812	3 725	3 627	3 846	386.6	449.1	442.1	425.2	111.7	133.2	143.7	148.8
15-19	2 704	3 201	3 314	4 020	361.9	374.1	392.3	446.6	108.5	120.2	126.4	144.5
20-24	2 927	2 878	3 731	3 564	364.2	333.0	390.4	394.3	100.9	93.8	114.9	122.3
25-29	3 280	2 846	3 191	3 275	381.2	327.0	316.4	342.2	99.5	85.2	101.9	99.9
30-34	3 079	2 984	2 871	3 656	345.0	332.5	300.6	358.7	91.2	86.5	86.7	98.7
35-39	3 323	3 242	2 786	3 092	368.6	347.3	300.8	300.3	94.1	90.9	82.4	92.5
40-44	3 365	3 037	2 935	2 792	370.2	320.5	311.3	288.1	89.1	85.1	84.3	81.2
45-49	3 172	3 229	3 135	2 689	349.6	342.6	322.8	285.7	80.8	87.0	86.0	76.1
50-54	2 825	3 221	2 897	2 785	308.0	342.2	295.8	289.6	76.3	82.0	80.0	76.0
55-59	2 423	2 928	2 976	2 877	260.7	312.5	306.3	289.8	62.2	72.5	78.5	75.1
60-64	2 143	2 458	2 841	2 533	224.7	259.5	293.0	251.3	54.5	65.7	72.0	68.0
65-69	1 829	1 979	2 400	2 426	192.2	204.6	247.2	240.8	47.4	52.2	60.3	63.4
70-74	1 428	1 542	1 778	2 062	151.4	153.9	179.3	203.5	40.5	40.1	47.9	52.8
75-79	924	1 069	1 185	1 458	97.8	105.4	115.2	142.5	27.2	27.0	29.9	34.6
80-84	446	605	707	821	45.9	57.9	65.6	78.3	13.7	16.2	17.5	20.5
85 and over	198	302	425	507	19.8	27.2	37.2	45.6	6.1	8.4	10.4	12.7

1 Figures included for Northern Ireland are estimated.

2 1981 data cover the 'usually resident' population and are not strictly comparable with earlier data.

3 The figures for Northern Ireland have been revised using a new estimate of 44 500 non-enumerated persons in the 1981 Census.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.3

Age distribution of the enumerated population: census figures

(continued)

Thousands

	England and Wales				Scotland				Northern Ireland			
	1951	1961	1971	1981 ¹	1951	1961	1971	1981 ¹	1951	1961	1971	1981 ^{1,2}
Males: all ages	21 016	22 304	23 683	23 625	2 434.4	2 482.7	2 514.6	2 428.5	667.8	694.2	754.7	749.5
Under 5	1 904	1 846	2 003	1 492	241.0	240.1	228.5	158.3	70.6	75.4	80.3	66.8
Under 18	5 774	6 440	6 971	6 368	752.9	800.7	818.7	691.9	226.4	249.8	275.2	258.3
Under 21	6 554	7 320	7 978	7 549	844.4	905.6	932.4	823.5	259.6	281.2	312.6	300.9
5 – 14	3 045	3 578	3 940	3 619	398.2	445.2	466.7	394.5	123.0	136.2	154.9	145.6
15 – 29	4 388	4 502	5 184	5 506	532.8	507.8	554.4	599.7	152.0	148.8	176.0	187.9
30 – 44	4 804	4 612	4 337	4 794	523.7	486.5	446.9	471.2	133.2	127.1	124.9	135.8
45 – 64	4 902	5 663	5 728	5 331	523.7	588.6	573.5	531.9	128.3	145.5	151.2	140.3
65 – 74	1 372	1 419	1 755	1 971	148.9	143.7	174.5	188.9	39.9	40.0	45.9	50.0
75 and over	600	684	737	912	65.8	71.0	70.3	83.9	20.8	21.3	21.4	23.0
Under 1	338	393	397	317	45.0	49.9	44.2	33.8	13.8	15.9	15.9	13.8
1 and under 2	353	372	390	319	45.6	48.4	44.5	33.4	13.9	15.4	15.9	14.1
2 – 4	1 213	1 080	1 215	857	150.4	141.8	139.8	91.0	42.9	44.1	48.5	38.9
5 – 9	1 616	1 671	2 074	1 647	202.5	215.1	240.1	176.3	66.1	68.1	81.1	69.3
10 – 14	1 429	1 907	1 865	1 972	195.7	230.1	226.5	218.2	56.9	68.1	73.7	76.4
15 – 19	1 335	1 622	1 696	2 054	173.2	187.4	199.4	227.8	55.4	60.3	65.1	74.4
20 – 24	1 427	1 434	1 876	1 805	172.4	159.4	196.6	199.8	48.7	46.9	59.3	62.5
25 – 29	1 626	1 446	1 612	1 648	187.2	161.0	158.3	172.2	47.9	41.6	51.6	51.0
30 – 34	1 514	1 502	1 460	1 835	166.1	162.8	148.1	180.5	44.6	41.6	43.5	49.7
35 – 39	1 633	1 616	1 410	1 554	177.6	170.5	147.4	149.5	45.5	43.9	40.7	46.1
40 – 44	1 658	1 494	1 467	1 405	180.0	153.2	151.4	141.3	43.0	41.6	40.7	40.0
45 – 49	1 556	1 584	1 552	1 351	168.7	163.9	157.0	139.5	38.8	42.1	41.7	37.1
50 – 54	1 318	1 575	1 412	1 381	141.3	164.3	139.6	139.6	36.1	39.6	39.1	36.3
55 – 59	1 089	1 408	1 434	1 403	115.8	147.3	143.2	138.4	28.9	34.4	37.4	35.5
60 – 64	939	1 096	1 330	1 196	97.9	113.2	133.7	114.4	24.4	29.4	33.1	31.4
65 – 69	781	819	1 063	1 100	83.2	83.4	106.6	105.7	21.6	23.0	26.4	28.2
70 – 74	591	600	692	871	65.7	60.2	67.9	83.2	18.3	17.0	19.5	21.8
75 – 79	375	389	410	544	41.6	40.2	39.4	50.9	12.4	11.3	11.6	12.8
80 – 84	165	205	217	248	17.8	21.7	20.5	22.5	6.0	6.7	6.4	6.7
85 and over	61	90	110	119	6.4	9.0	10.4	10.5	2.4	3.2	3.5	3.5
Females: all ages	22 742	23 801	25 067	24 897	2 661.4	2 696.6	2 714.3	2 606.8	703.1	730.8	781.4	782.7
Under 5	1 814	1 751	1 902	1 418	229.8	229.1	215.8	150.1	67.2	71.2	75.9	64.0
Under 18	5 550	6 136	6 603	6 050	728.4	766.9	778.0	658.9	217.2	237.8	259.7	244.6
Under 21	6 411	7 015	7 585	7 188	844.0	875.0	889.9	785.5	249.0	269.9	294.3	284.7
5 – 14	2 929	3 410	3 732	3 434	386.1	424.8	443.8	375.1	117.9	129.4	145.9	137.5
15 – 29	4 523	4 423	5 052	5 353	574.4	526.4	544.8	583.4	156.9	150.4	167.2	178.8
30 – 44	4 963	4 651	4 256	4 747	559.7	513.8	465.7	475.9	141.2	135.4	128.5	136.6
45 – 64	5 660	6 172	6 122	5 554	619.2	668.3	644.4	584.4	145.6	161.9	165.3	154.9
65 – 74	1 885	2 102	2 423	2 517	194.5	214.8	252.0	255.4	48.0	52.3	62.2	66.2
75 and over	967	1 292	1 581	1 875	97.7	119.5	147.7	182.5	26.2	30.3	36.4	44.8
Under 1	321	371	377	303	42.6	47.9	41.8	32.3	12.9	14.9	15.1	13.4
1 and under 2	337	353	371	303	43.4	45.9	41.9	31.6	13.2	14.4	15.0	13.3
2 – 4	1 157	1 027	1 154	812	143.8	135.3	132.1	86.2	41.2	41.9	45.8	37.3
5 – 9	1 546	1 592	1 970	1 560	195.3	205.7	228.3	168.1	63.1	64.3	76.0	65.0
10 – 14	1 383	1 818	1 762	1 875	190.8	219.1	215.5	207.0	54.8	65.0	69.9	72.4
15 – 19	1 369	1 579	1 618	1 966	188.7	186.7	192.9	218.8	53.1	60.0	61.2	70.1
20 – 24	1 500	1 444	1 855	1 760	191.7	173.7	193.8	194.6	52.2	46.9	55.6	59.8
25 – 29	1 654	1 400	1 579	1 627	194.0	166.0	158.1	170.0	51.6	43.6	50.3	48.9
30 – 34	1 565	1 483	1 411	1 822	178.8	169.7	152.4	178.3	46.6	44.9	43.2	49.0
35 – 39	1 691	1 626	1 376	1 538	190.8	176.9	153.4	150.8	48.6	47.0	41.7	46.4
40 – 44	1 707	1 543	1 468	1 387	190.1	167.2	159.9	146.9	46.0	43.4	43.6	41.2
45 – 49	1 616	1 645	1 584	1 338	180.9	178.8	165.8	146.2	42.0	44.9	44.4	39.0
50 – 54	1 507	1 646	1 485	1 404	166.6	177.9	156.2	150.1	40.3	42.5	41.0	39.7
55 – 59	1 334	1 520	1 542	1 474	144.9	165.2	163.1	151.3	33.3	38.2	41.1	39.6
60 – 64	1 204	1 362	1 511	1 337	126.8	146.4	159.3	136.8	30.1	36.3	39.0	36.6
65 – 69	1 049	1 160	1 336	1 326	108.9	121.1	140.6	135.1	25.8	29.2	33.8	35.2
70 – 74	837	942	1 086	1 191	85.6	93.7	111.4	120.3	22.2	23.1	28.4	31.0
75 – 79	549	680	776	914	56.2	65.2	75.8	91.6	14.8	15.7	18.3	21.8
80 – 84	281	401	490	573	28.0	36.2	45.1	55.8	7.7	9.4	11.1	13.8
85 and over	137	212	315	388	13.5	18.2	26.8	35.1	3.7	5.2	6.9	9.2

1 1981 data cover the 'usually resident' population and are not strictly comparable with earlier data.

2 The figures for Northern Ireland have been revised using a new estimate of 44 500 non-enumerated persons in the 1981 Census.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.4 Age distribution of the resident population: mid-year estimates¹

	Thousands											
United Kingdom	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Persons: all ages	56 216	56 190	56 178	56 240	56 330	56 352	56 306	56 347	56 460	56 618	56 763	56 930
Under 5 years	3 721	3 522	3 393	3 375	3 404	3 455	3 520	3 582	3 594	3 610	3 642	3 685
Under 18 years	15 507	15 291	15 078	14 888	14 695	14 470	14 210	13 950	13 726	13 563	13 442	13 323
Under 21 years	17 931	17 775	17 625	17 510	17 399	17 246	17 051	16 847	16 610	16 410	16 223	16 059
5–14	9 176	9 085	8 930	8 694	8 424	8 147	7 845	7 588	7 403	7 286	7 157	7 062
15–29	12 365	12 322	12 376	12 518	12 693	12 847	12 978	13 112	13 259	13 390	13 500	13 535
30–44	9 991	10 286	10 519	10 714	10 861	10 955	11 022	11 112	11 225	11 337	11 506	11 647
45–64	12 967	12 873	12 746	12 622	12 525	12 476	12 473	12 540	12 595	12 436	12 275	12 187
65–74	5 112	5 146	5 180	5 210	5 228	5 194	5 109	4 966	4 844	4 940	5 005	5 038
75 and over	2 886	2 956	3 034	3 108	3 196	3 278	3 359	3 448	3 539	3 617	3 678	3 776
Under 1 year	677	646	656	710	734	730	713	715	713	742	749	758
1 and under 2	703	673	644	653	706	731	725	711	715	713	743	748
2–4	2 340	2 202	2 093	2 011	1 963	1 994	2 082	2 155	2 166	2 156	2 150	2 180
5–9	4 483	4 373	4 243	4 065	3 892	3 677	3 489	3 364	3 353	3 398	3 467	3 549
10–14	4 693	4 712	4 686	4 629	4 532	4 470	4 356	4 224	4 050	3 888	3 690	3 513
15–19	4 244	4 358	4 469	4 592	4 696	4 735	4 757	4 726	4 640	4 540	4 479	4 377
20–24	3 881	3 928	3 984	4 053	4 165	4 284	4 376	4 495	4 639	4 747	4 784	4 785
25–29	4 239	4 035	3 923	3 874	3 832	3 828	3 846	3 891	3 980	4 103	4 237	4 373
30–34	3 629	3 922	4 071	4 136	4 179	4 182	3 961	3 846	3 797	3 770	3 787	3 837
35–39	3 225	3 227	3 281	3 374	3 461	3 589	3 872	4 021	4 093	4 144	4 158	3 957
40–44	3 136	3 137	3 166	3 204	3 221	3 185	3 189	3 245	3 334	3 424	3 561	3 853
45–49	3 262	3 229	3 191	3 148	3 115	3 090	3 087	3 117	3 153	3 171	3 142	3 150
50–54	3 423	3 338	3 280	3 235	3 208	3 179	3 149	3 113	3 070	3 041	3 023	3 023
55–59	3 151	3 268	3 400	3 507	3 370	3 271	3 190	3 139	3 100	3 079	3 055	3 031
60–64	3 131	3 039	2 875	2 732	2 832	2 935	3 046	3 172	3 272	3 146	3 055	2 983
65–69	2 851	2 852	2 852	2 852	2 847	2 801	2 712	2 565	2 440	2 540	2 641	2 749
70–74	2 260	2 294	2 328	2 358	2 381	2 393	2 397	2 401	2 405	2 400	2 364	2 289
75–79	1 499	1 542	1 592	1 638	1 677	1 708	1 738	1 772	1 804	1 826	1 837	1 849
80–84	849	866	880	898	931	968	1 000	1 040	1 078	1 108	1 132	1 167
85 and over	538	548	562	572	588	602	621	636	657	683	709	760
Males: all ages	27 360	27 345	27 330	27 373	27 411	27 409	27 386	27 417	27 487	27 574	27 647	27 737
Under 5 years	1 912	1 810	1 742	1 732	1 746	1 772	1 805	1 837	1 842	1 850	1 867	1 889
Under 18 years	7 956	7 846	7 736	7 643	7 544	7 429	7 298	7 165	7 047	6 961	6 899	6 837
Under 21 years	9 193	9 112	9 030	8 975	8 918	8 842	8 747	8 646	8 522	8 419	8 321	8 236
5–14	4 711	4 666	4 587	4 467	4 326	4 184	4 028	3 897	3 803	3 743	3 676	3 627
15–29	6 289	6 264	6 288	6 367	6 454	6 527	6 593	6 665	6 745	6 813	6 864	6 885
30–44	5 051	5 198	5 312	5 409	5 477	5 513	5 540	5 583	5 643	5 697	5 778	5 845
45–64	6 286	6 246	6 191	6 142	6 105	6 088	6 095	6 137	6 170	6 104	6 034	5 996
65–74	2 204	2 224	2 243	2 261	2 274	2 264	2 229	2 166	2 115	2 165	2 201	2 224
75 and over	907	936	966	996	1 029	1 062	1 097	1 133	1 169	1 202	1 227	1 271
Under 1 year	348	332	336	365	377	374	366	367	365	380	384	388
1 and under 2	361	346	331	335	363	374	371	365	367	365	381	384
2–4	1 204	1 133	1 075	1 033	1 007	1 024	1 068	1 105	1 110	1 105	1 102	1 117
5–9	2 302	2 245	2 179	2 090	2 000	1 889	1 793	1 728	1 723	1 746	1 780	1 821
10–14	2 409	2 422	2 408	2 377	2 326	2 295	2 235	2 169	2 080	1 997	1 897	1 806
15–19	2 167	2 221	2 277	2 345	2 401	2 424	2 443	2 429	2 380	2 328	2 296	2 242
20–24	1 979	2 004	2 029	2 063	2 117	2 172	2 212	2 274	2 354	2 412	2 431	2 437
25–29	2 144	2 038	1 981	1 959	1 937	1 931	1 938	1 962	2 011	2 073	2 138	2 206
30–34	1 837	1 984	2 057	2 089	2 107	2 104	1 990	1 934	1 912	1 899	1 907	1 931
35–39	1 632	1 630	1 655	1 703	1 746	1 807	1 946	2 018	2 053	2 075	2 081	1 978
40–44	1 582	1 584	1 600	1 617	1 624	1 602	1 604	1 632	1 678	1 722	1 791	1 936
45–49	1 623	1 609	1 592	1 575	1 562	1 549	1 548	1 563	1 580	1 589	1 574	1 577
50–54	1 684	1 645	1 618	1 598	1 584	1 572	1 559	1 543	1 525	1 514	1 506	1 507
55–59	1 513	1 572	1 638	1 693	1 632	1 590	1 555	1 534	1 517	1 507	1 496	1 486
60–64	1 466	1 421	1 342	1 276	1 327	1 376	1 433	1 496	1 548	1 494	1 458	1 427
65–69	1 276	1 279	1 280	1 281	1 278	1 261	1 220	1 154	1 099	1 150	1 198	1 253
70–74	927	946	963	980	995	1 003	1 008	1 012	1 016	1 016	1 002	971
75–79	522	545	570	593	613	630	646	662	678	691	698	708
80–84	253	257	260	265	276	290	306	323	338	351	362	379
85 and over	133	134	135	137	141	141	145	148	152	159	166	183

1 Data has been rounded individually and may not sum exactly.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.4

Age distribution of the resident population: mid-year estimates¹

(continued)

	Thousands											
United Kingdom	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Females: all ages	28 856	28 845	28 848	28 867	28 919	28 943	28 920	28 931	28 972	29 044	29 116	29 193
Under 5 years	1 808	1 711	1 651	1 643	1 657	1 682	1 715	1 745	1 752	1 760	1 775	1 797
Under 18 years	7 551	7 445	7 342	7 245	7 151	7 041	6 912	6 785	6 679	6 602	6 543	6 485
Under 21 years	8 737	8 663	8 594	8 535	8 481	8 404	8 304	8 202	8 088	7 991	7 902	7 884
5 – 14	4 465	4 419	4 343	4 227	4 099	3 963	3 817	3 691	3 600	3 543	3 481	3 435
15 – 29	6 076	6 058	6 088	6 151	6 239	6 320	6 385	6 448	6 514	6 577	6 636	6 649
30 – 44	4 939	5 087	5 207	5 305	5 383	5 442	5 482	5 529	5 584	5 640	5 728	5 801
45 – 64	6 681	6 627	6 555	6 479	6 420	6 388	6 378	6 403	6 425	6 331	6 242	6 191
65 – 74	2 908	2 922	2 937	2 949	2 954	2 931	2 881	2 800	2 729	2 775	2 804	2 814
75 and over	1 978	2 020	2 068	2 112	2 166	2 216	2 262	2 315	2 370	2 416	2 451	2 505
Under 1 year	330	314	320	345	358	356	348	348	348	362	365	370
1 and under 2	342	328	313	319	344	356	354	347	348	348	362	364
2 – 4	1 137	1 070	1 018	979	956	970	1 014	1 050	1 056	1 051	1 048	1 063
5 – 9	2 181	2 128	2 064	1 975	1 892	1 788	1 697	1 636	1 630	1 653	1 687	1 729
10 – 14	2 284	2 290	2 279	2 252	2 206	2 175	2 121	2 055	1 969	1 891	1 793	1 707
15 – 19	2 078	2 137	2 192	2 247	2 295	2 311	2 313	2 297	2 260	2 212	2 183	2 135
20 – 24	1 903	1 924	1 955	1 989	2 049	2 112	2 163	2 222	2 285	2 335	2 353	2 348
25 – 29	2 095	1 997	1 941	1 915	1 895	1 897	1 908	1 929	1 969	2 030	2 099	2 166
30 – 34	1 792	1 938	2 014	2 048	2 072	2 078	1 972	1 912	1 886	1 870	1 881	1 906
35 – 39	1 593	1 597	1 626	1 671	1 714	1 782	1 925	2 004	2 040	2 069	2 077	1 979
40 – 44	1 554	1 553	1 567	1 587	1 597	1 583	1 585	1 613	1 656	1 701	1 770	1 916
45 – 49	1 639	1 620	1 599	1 573	1 553	1 541	1 539	1 553	1 573	1 582	1 569	1 574
50 – 54	1 739	1 693	1 662	1 637	1 624	1 608	1 590	1 570	1 545	1 526	1 516	1 517
55 – 59	1 638	1 696	1 761	1 814	1 739	1 681	1 635	1 605	1 583	1 572	1 559	1 545
60 – 64	1 665	1 617	1 533	1 456	1 505	1 559	1 613	1 675	1 724	1 651	1 598	1 556
65 – 69	1 575	1 573	1 572	1 571	1 568	1 540	1 491	1 411	1 341	1 390	1 443	1 497
70 – 74	1 333	1 349	1 365	1 378	1 386	1 390	1 389	1 389	1 389	1 385	1 361	1 317
75 – 79	977	996	1 022	1 045	1 064	1 078	1 092	1 109	1 126	1 135	1 138	1 141
80 – 84	597	609	620	633	655	677	694	717	739	756	770	788
85 and over	405	415	426	435	447	461	476	489	504	525	543	577

1987									
All ages	England and Wales			Scotland			Northern Ireland		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
All ages	50 242.9	24 492.8	25 750.1	5 112.1	2 470.6	2 641.5	1 575.1	773.4	801.8
Under 5 years	3 226.7	1 653.5	1 573.1	322.2	164.9	157.3	136.4	70.3	66.2
Under 18 years	11 635.2	5 972.8	5 662.4	1 207.0	618.1	588.8	480.6	246.4	234.1
Under 21 years	14 026.4	7 194.1	6 832.3	1 465.1	749.7	715.4	567.9	292.4	275.4
5 – 14	6 158.8	3 163.9	2 994.9	643.5	330.3	313.2	260.0	132.9	127.3
15 – 29	11 876.6	6 034.5	5 842.1	1 258.0	642.5	615.4	400.1	208.3	191.7
30 – 44	10 329.8	5 186.7	5 143.0	1 024.7	513.6	511.1	292.4	145.1	147.3
45 – 64	10 778.6	5 321.5	5 457.2	1 112.9	532.6	580.3	295.3	141.8	153.5
65 – 74	4 488.5	1 989.6	2 499.0	436.1	185.5	250.6	113.4	48.7	64.7
75 and over	3 383.9	1 143.2	2 240.7	314.7	101.3	213.5	77.4	26.3	51.2
Under 1 year	664.3	339.9	324.4	65.5	33.6	32.0	27.9	14.4	13.5
1 and under 2	654.2	335.7	318.5	66.1	33.9	32.2	27.6	14.2	13.4
2 – 4	1 908.1	977.9	930.3	190.6	97.5	93.1	80.9	41.7	39.3
5 – 9	3 099.3	1 590.8	1 508.5	318.6	163.3	155.3	131.4	66.6	64.7
10 – 14	3 059.5	1 573.0	1 486.5	324.9	167.0	157.9	128.8	66.2	62.5
15 – 19	3 823.3	1 958.9	1 864.4	411.2	209.3	201.9	142.4	74.0	68.4
20 – 24	4 203.9	2 136.1	2 067.8	443.2	227.5	215.8	137.7	73.2	64.5
25 – 29	3 849.3	1 939.4	1 909.9	403.5	205.8	197.7	120.0	61.2	58.8
30 – 34	3 381.7	1 702.5	1 679.1	352.7	177.6	175.1	102.4	50.6	51.8
35 – 39	3 516.8	1 757.5	1 759.3	345.1	172.9	172.2	95.6	47.9	47.7
40 – 44	3 431.4	1 726.7	1 704.6	326.9	163.0	163.8	94.4	46.6	47.8
45 – 49	2 783.8	1 396.9	1 386.9	286.7	140.4	146.3	80.0	39.7	40.3
50 – 54	2 668.3	1 334.8	1 333.4	280.1	135.5	144.6	75.0	36.4	38.6
55 – 59	2 679.7	1 319.1	1 360.6	279.3	132.6	146.7	71.6	33.9	37.7
60 – 64	2 646.9	1 270.6	1 376.3	266.9	124.1	142.8	68.8	31.8	36.9
65 – 69	2 448.6	1 120.6	1 328.0	238.6	104.7	134.0	62.3	27.4	34.9
70 – 74	2 040.0	869.0	1 171.0	197.5	80.8	116.7	51.1	21.3	29.8
75 – 79	1 651.0	634.6	1 016.3	157.9	58.0	99.9	40.3	15.3	25.1
80 – 84	1 046.5	342.1	704.4	97.3	29.8	67.4	23.2	7.6	15.7
85 and over	686.5	166.4	520.0	59.5	13.4	46.2	13.8	3.4	10.4

1 Data has been rounded individually and may not sum exactly.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.5 Marital condition: census figures

Thousands

United Kingdom												England and Wales											
Males						Females						Males						Females					
		1961	1971	1981 ¹	1961	1971	1981 ¹			1961	1971	1981 ¹			1961	1971	1981 ¹			1961	1971	1981 ¹	
All ages:																							
Single		11 340	12 014	11 860	10 829	11 055	10 585	9 738	10 399	10 363	9 242	9 513	9 199										
Married		13 279	13 976	13 563	13 355	14 050	13 630	11 813	12 433	12 042	11 860	12 488	12 093										
Widowed		760	762	749	2 860	3 139	3 182	658	666	657	2 528	2 773	2 808										
Divorced		102	200	606	185	318	863	94	185	563	170	293	797										
Age groups																							
0 – 14: Single		6 321	6 873	5 861	6 015	6 515	5 564	5 424	5 942	5 111	5 160	5 633	4 852										
15 – 19: Single		1 850	1 921	2 328	1 709	1 713	2 152	1 605	1 661	2 031	1 475	1 477	1 878										
Married		20	40	26	116	159	101	17	35	22	104	140	88										
Widowed		—	—	—	—	—	—	—	—	—	—	—	—										
Divorced		—	—	—	—	—	1	—	—	—	—	—	1										
20 – 24: Single		1 139	1 350	1 536	719	848	1 080	990	1 186	1 350	607	737	945										
Married		501	779	517	941	1 244	896	444	687	443	834	1 107	782										
Widowed		—	—	1	2	2	2	—	—	1	1	2	2										
Divorced		1	3	12	2	10	34	1	3	11	2	9	31										
25 – 34: Single		799	703	973	461	374	534	688	617	866	382	320	471										
Married		2 537	2 727	2 802	2 808	2 940	3 113	2 243	2 414	2 469	2 466	2 597	2 753										
Widowed		4	4	5	15	14	15	4	3	4	13	12	13										
Divorced		14	41	154	24	67	230	13	38	143	22	61	212										
35 – 44: Single		439	363	346	371	247	195	374	315	304	308	206	167										
Married		3 032	2 828	2 806	3 104	2 868	2 836	2 692	2 502	2 487	2 748	2 525	2 505										
Widowed		19	15	13	74	57	48	17	13	11	63	48	41										
Divorced		29	51	169	53	72	230	27	47	157	49	66	212										
45 – 54: Single		346	325	288	447	298	200	291	278	251	375	248	167										
Married		3 126	2 913	2 617	2 973	2 885	2 577	2 783	2 593	2 319	2 642	2 565	2 276										
Widowed		63	53	44	258	218	176	54	46	38	221	187	149										
Divorced		33	50	134	57	75	164	31	46	124	53	69	151										
55 – 59: Single		145	140	148	251	177	127	120	118	128	210	148	105										
Married		1 373	1 397	1 326	1 201	1 290	1 259	1 225	1 248	1 184	1 074	1 151	1 124										
Widowed		60	56	53	251	246	214	52	48	46	217	213	186										
Divorced		12	21	50	20	33	65	11	20	47	19	30	60										
60 – 64: Single		106	125	115	234	207	125	87	105	98	196	173	104										
Married		1 042	1 268	1 120	926	1 095	1 018	931	1 135	1 003	830	982	911										
Widowed		84	87	72	370	380	316	72	75	62	323	330	274										
Divorced		7	16	35	14	27	51	7	15	33	13	25	47										
65 – 74: Single		130	158	183	381	392	305	106	130	154	322	328	254										
Married		1 232	1 550	1 732	1 015	1 242	1 403	1 105	1 391	1 558	917	1 122	1 266										
Widowed		235	253	252	961	1 075	1 062	203	220	220	852	948	934										
Divorced		5	15	41	12	27	67	5	14	38	11	26	62										
75 and over:																							
Single		66	58	82	241	285	304	53	47	69	206	243	257										
Married		415	474	616	269	326	426	373	428	558	246	298	389										
Widowed		294	294	310	929	1 148	1 348	257	259	276	837	1 034	1 208										
Divorced		1	3	10	2	7	22	1	2	9	2	6	20										

2.5

Marital condition: census figures

(continued)

Thousands

	Scotland						Northern Ireland					
	Males			Females			Males			Females		
	1961	1971	1981 ¹	1961	1971	1981 ¹	1961	1971	1981 ¹	1961	1971	1981 ¹
All ages:												
Single	1 206.0	1 197.6	1 113.0	1 205.9	1 153.8	1 034.2	396.0	417.5	384.7	381.1	388.5	352.3
Married	1 187.7	1 225.9	1 201.5	1 209.2	1 241.8	1 211.3	278.0	317.6	319.3	284.9	320.4	318.1
Widowed	82.4	78.0	74.4	268.0	295.2	301.5	19.7	18.5	17.3	63.6	70.4	73.0
Divorced	6.6	13.2	39.6	13.5	23.6	59.9	0.5	1.1	3.9	1.2	2.0	6.2
Age groups												
0 – 14: Single	685.3	695.1	552.8	653.8	659.7	525.1	211.6	235.2	197.2	200.6	221.8	187.1
15 – 19: Single	185.2	194.8	224.2	175.9	177.6	207.8	59.9	64.3	72.3	58.0	58.2	66.1
Married	2.2	4.6	3.6	10.8	15.2	10.9	0.4	0.9	0.8	2.0	3.0	2.7
Widowed	–	–	–	–	–	–	–	–	–	–	–	–
Divorced	–	–	–	–	–	–	–	–	–	–	–	–
20 – 24: Single	112.2	121.2	140.2	83.6	81.5	101.7	37.0	42.3	45.9	28.7	29.7	33.1
Married	47.1	75.0	58.3	89.6	111.2	89.8	9.8	17.0	15.5	18.1	25.9	24.8
Widowed	–	–	–	0.2	0.2	0.3	–	–	–	–	–	–
Divorced	–	0.4	1.2	0.2	1.0	2.7	–	–	0.1	–	–	0.2
25 – 34: Single	80.4	60.7	80.7	56.0	37.0	47.4	30.6	25.0	26.4	22.9	16.2	15.7
Married	242.1	242.6	261.1	276.1	266.8	282.8	52.4	69.8	71.4	65.1	76.5	76.6
Widowed	0.5	0.4	0.6	1.8	1.6	1.7	0.1	0.1	0.1	0.4	0.4	0.6
Divorced	0.9	2.8	10.4	1.8	5.2	16.5	0.1	0.2	1.0	0.1	0.4	1.6
35 – 44: Single	46.4	34.9	30.9	46.1	29.6	20.0	18.7	13.5	10.9	16.5	11.3	7.7
Married	273.2	259.0	247.4	284.9	271.3	256.1	66.1	67.2	71.9	71.4	71.8	73.1
Widowed	2.3	1.6	1.6	8.9	6.8	5.6	0.5	0.4	0.5	2.2	1.7	1.9
Divorced	1.8	3.3	11.0	4.3	5.6	16.0	0.2	0.3	1.1	0.4	0.5	1.7
45 – 54: Single	40.2	33.7	27.7	55.1	37.3	24.5	15.0	13.6	10.0	17.2	13.2	8.9
Married	278.3	253.8	237.2	268.1	254.4	239.6	64.8	65.4	60.4	62.9	65.3	60.6
Widowed	7.5	5.9	5.2	29.7	24.6	20.5	1.7	1.4	1.2	7.0	6.2	5.7
Divorced	2.2	3.2	8.8	3.8	5.7	11.6	0.2	0.3	0.9	0.3	0.6	1.2
55 – 59: Single	17.9	15.7	14.8	31.8	22.0	16.3	6.2	6.2	5.4	8.7	7.2	5.7
Married	121.4	119.9	114.6	104.5	111.9	108.1	26.5	29.6	28.8	23.3	27.1	26.3
Widowed	7.2	6.4	5.9	27.6	27.1	22.4	1.5	1.5	1.4	6.1	6.5	6.2
Divorced	0.8	1.3	3.2	1.4	2.2	4.5	0.1	0.1	0.3	0.1	0.2	0.5
60 – 64: Single	13.5	14.7	11.7	29.7	26.0	15.7	5.3	5.6	4.9	8.6	7.9	5.8
Married	89.6	108.2	92.9	77.5	91.6	84.7	21.8	25.3	24.3	18.5	21.4	20.8
Widowed	9.6	9.7	7.7	38.3	39.9	33.2	2.3	2.1	1.9	9.1	9.4	8.6
Divorced	0.5	1.0	2.0	1.0	1.8	3.3	–	0.1	0.2	0.1	0.2	0.4
65 – 74: Single	16.4	19.5	20.6	46.3	49.8	38.2	7.7	8.2	7.9	12.7	14.4	12.3
Married	101.3	127.6	140.2	79.2	97.4	109.9	26.3	31.7	34.7	19.0	23.4	25.8
Widowed	25.6	26.4	25.7	88.4	103.2	103.4	6.0	6.0	5.9	20.6	24.2	24.8
Divorced	0.4	1.0	2.3	0.9	1.7	3.9	–	0.1	0.3	0.1	0.2	0.4
75 and over:												
Single	8.7	7.2	9.6	27.5	33.3	37.5	3.9	3.7	3.8	7.4	8.6	9.9
Married	32.6	35.3	46.2	18.5	22.2	29.4	9.8	10.7	12.2	4.7	5.9	7.8
Widowed	29.6	27.5	27.7	73.3	91.8	114.4	7.5	7.0	6.3	18.3	21.9	25.1
Divorced	0.1	0.2	0.6	0.2	0.4	1.2	–	–	–	–	–	0.1

1 1981 data for Scotland and Northern Ireland relate to the enumerated 'usually resident' population and are not strictly comparable with earlier data.

Sources General Register Office (Scotland); General Register Office (Northern Ireland)

2.6 Marital condition of the resident population¹: mid-year estimates

Thousands

	England and Wales						Scotland					
	Males			Females			Males			Females		
	1981	1986	1987	1981	1986	1987	1981	1986	1987	1981	1986	1987
All ages												
Single	10 613.6	10 904.3	10 970.1	9 423.6	9 570.5	9 601.8	1 149.2	1 145.8	1 139.6	1 067.5	1 055.6	1 034.7
Married	12 238.0	11 965.3	11 864.1	12 283.5	11 993.9	11 984.0	1 226.3	1 181.4	1 176.5	1 239.1	1 181.6	1 191.7
Widowed	697.7	615.2	688.3	2 938.9	2 943.2	2 936.1	77.5	78.8	78.1	316.7	316.6	315.9
Divorced	610.8	918.6	970.3	828.2	1 164.4	1 227.5	41.8	69.0	76.5	62.1	92.2	99.2
Age groups:												
0 – 14:												
Single	5 180.6	4 837.3	4 817.4	4 909.9	4 583.9	4 568.1	563.5	502.4	495.2	534.9	477.6	470.5
15 – 19:												
Single	2 094.9	1 994.6	1 948.1	1 922.5	1 856.7	1 812.1	230.4	214.2	207.2	214.0	199.6	194.3
Married	19.5	9.9	10.8	92.8	49.4	51.6	3.7	2.3	2.1	11.1	7.5	7.6
Widowed	–	–	–	–	–	–	–	–	–	–	–	–
Divorced	–	–	0.1	0.1	0.5	0.6	–	–	–	0.1	0.1	0.1
20 – 24:												
Single	1 420.4	1 794.1	1 811.1	1 007.0	1 382.1	1 411.5	149.2	179.0	179.3	109.8	145.0	137.8
Married	465.8	322.2	310.9	811.1	657.6	622.8	59.9	48.0	46.5	92.0	68.5	74.7
Widowed	0.5	–	0.2	1.9	1.0	0.8	0.1	–	–	0.3	0.2	0.1
Divorced	9.7	14.0	13.9	27.3	31.6	32.6	1.3	1.7	1.6	2.7	3.4	3.2
25 – 34:												
Single	905.7	1 197.2	1 298.8	495.6	732.7	806.0	86.9	129.0	135.5	51.1	91.8	93.0
Married	2 507.9	2 156.0	2 130.4	2 790.6	2 496.1	2 499.3	266.1	226.7	227.2	289.6	248.0	252.0
Widowed	4.3	2.6	3.1	13.3	9.6	9.0	0.6	0.5	0.4	1.7	1.7	1.6
Divorced	151.2	204.2	209.6	217.7	267.0	274.7	10.9	19.0	20.3	17.0	24.7	26.3
35 – 44:												
Single	315.6	396.5	410.3	169.5	213.5	223.8	32.4	39.8	41.3	20.8	24.0	24.9
Married	2 518.5	2 745.3	2 751.2	2 539.5	2 816.1	2 830.1	252.5	270.9	269.3	261.7	278.2	276.7
Widowed	11.7	9.6	11.7	41.4	38.9	38.3	1.6	1.6	1.6	5.6	5.2	5.2
Divorced	178.1	293.2	311.0	221.7	350.1	371.7	11.7	21.0	23.7	16.5	26.2	29.2
45 – 54:												
Single	254.0	232.4	231.5	169.2	140.0	137.0	28.5	25.8	25.3	25.2	19.9	18.7
Married	2 338.3	2 259.9	2 246.2	2 291.6	2 210.3	2 207.7	240.6	231.2	228.7	243.5	235.5	234.5
Widowed	37.7	27.6	31.6	149.5	127.9	123.4	5.3	5.0	4.9	20.8	18.3	17.9
Divorced	133.8	208.2	222.4	157.6	236.5	252.3	9.3	14.7	16.9	12.1	18.5	19.8
55 – 59:												
Single	128.1	117.8	115.0	108.2	86.3	82.4	15.1	13.1	12.4	16.7	13.3	12.5
Married	1 192.0	1 106.5	1 090.6	1 129.8	1 044.4	1 035.3	116.2	109.4	109.2	109.9	105.3	106.3
Widowed	45.5	33.4	37.0	186.3	160.5	154.3	6.0	5.7	5.4	23.0	21.8	21.2
Divorced	48.9	71.2	76.6	62.5	82.7	88.0	3.4	4.8	5.6	4.7	6.4	6.7
60 – 64:												
Single	98.2	111.1	108.8	108.8	100.1	95.0	12.2	12.7	12.5	16.3	15.6	14.9
Married	1 029.3	1 076.6	1 041.3	936.2	965.9	942.8	95.7	100.7	98.6	87.6	90.7	89.8
Widowed	63.9	59.6	65.6	284.0	280.1	267.8	8.1	9.2	8.9	34.9	33.9	32.9
Divorced	35.4	52.1	54.9	50.9	69.0	70.7	2.2	3.6	4.0	3.5	5.2	5.2
65 – 74:												
Single	149.2	144.5	146.4	263.1	208.3	201.8	21.1	18.4	18.6	39.3	30.6	30.4
Married	1 593.7	1 578.4	1 571.3	1 290.8	1 277.9	1 298.2	143.9	136.1	137.3	113.1	110.5	112.0
Widowed	233.9	188.8	210.6	977.8	913.9	903.3	26.8	25.9	26.2	108.8	103.1	101.8
Divorced	43.0	56.9	61.2	67.6	89.5	95.6	2.4	3.3	3.4	4.2	5.8	6.4
75 +												
Single	66.9	79.0	82.6	269.8	266.6	264.1	10.0	11.3	12.2	39.3	38.1	37.7
Married	573.0	710.7	711.4	401.1	476.5	496.2	47.8	56.1	57.5	30.6	37.3	38.3
Widowed	300.2	293.9	328.5	1 284.7	1 411.1	1 439.1	29.2	30.8	30.6	121.4	132.4	135.2
Divorced	10.7	18.6	20.7	22.8	37.4	41.4	0.6	0.9	1.0	1.3	2.0	2.3

1 See introductory note on page 5 of the 1981 Census.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland)

2.7 Projected resident population at mid-year¹

												Thousands
	1987 Base	1988	1989	1990	1991	1992	1993	1996	2001	2011	2021	2031
Persons all ages	56 930	57 066	57 218	57 376	57 542	57 716	57 894	58 415	59 094	59 855	60 736	61 174
0–4	3 685	3 744	3 821	3 883	3 950	4 018	4 069	4 148	3 985	3 606	3 859	3 757
5–9	3 549	3 617	3 627	3 635	3 652	3 688	3 745	3 949	4 147	3 693	3 722	3 870
10–14	3 513	3 394	3 383	3 422	3 482	3 559	3 627	3 661	3 958	3 994	3 616	3 859
15–19	4 377	4 251	4 081	3 918	3 717	3 540	3 421	3 508	3 687	4 181	3 727	3 730
20–24	4 785	4 739	4 667	4 564	4 501	4 398	4 277	3 749	3 541	4 016	4 052	3 645
25–29	4 373	4 501	4 625	4 721	4 754	4 753	4 704	4 464	3 715	3 685	4 178	3 751
30–34	3 837	3 892	3 967	4 079	4 203	4 332	4 456	4 706	4 421	3 468	3 940	3 998
35–39	3 957	3 848	3 798	3 760	3 769	3 811	3 862	4 162	4 666	3 650	3 622	4 118
40–44	3 853	4 006	4 074	4 121	4 132	3 929	3 818	3 729	4 113	4 363	3 422	3 892
45–49	3 150	3 209	3 297	3 383	3 518	3 806	3 956	4 071	3 668	4 571	3 586	3 563
50–54	3 023	3 054	3 091	3 107	3 078	3 086	3 143	3 441	3 976	3 983	4 244	3 333
55–59	3 031	2 999	2 960	2 932	2 916	2 919	2 950	2 970	3 320	3 486	4 369	3 430
60–64	2 983	2 939	2 906	2 889	2 870	2 850	2 822	2 747	2 798	3 650	3 685	3 932
65–69	2 749	2 864	2 952	2 836	2 755	2 696	2 660	2 605	2 500	2 885	3 056	3 843
70–74	2 289	2 166	2 062	2 163	2 261	2 355	2 453	2 369	2 259	2 238	2 953	3 005
75–79	1 849	1 858	1 866	1 869	1 846	1 793	1 701	1 805	1 905	1 775	2 086	2 223
80–84	1 167	1 195	1 222	1 241	1 256	1 270	1 284	1 293	1 298	1 334	1 347	1 790
85–89	541	565	588	608	626	646	667	718	758	829	796	953
90 and over	219	224	230	243	255	266	279	318	380	449	475	482
Males all ages	27 737	27 818	27 907	27 999	28 096	28 195	28 295	28 581	28 952	29 428	29 948	30 206
0–4	1 889	1 921	1 962	1 996	2 031	2 068	2 095	2 135	2 051	1 857	1 987	1 933
5–9	1 821	1 856	1 860	1 864	1 874	1 892	1 923	2 033	2 137	1 903	1 918	1 993
10–14	1 806	1 745	1 740	1 759	1 790	1 828	1 863	1 881	2 040	2 061	1 866	1 989
15–19	2 242	2 179	2 094	2 013	1 912	1 824	1 762	1 806	1 898	2 160	1 927	1 925
20–24	2 437	2 416	2 379	2 327	2 296	2 243	2 184	1 923	1 817	2 067	2 088	1 883
25–29	2 206	2 272	2 337	2 387	2 405	2 409	2 386	2 264	1 893	1 879	2 141	1 930
30–34	1 931	1 958	1 996	2 052	2 112	2 176	2 239	2 369	2 233	1 760	2 008	2 045
35–39	1 978	1 925	1 901	1 885	1 890	1 910	1 935	2 079	2 337	1 846	1 833	2 098
40–44	1 936	2 010	2 040	2 059	2 063	1 958	1 902	1 859	2 038	2 192	1 726	1 975
45–49	1 577	1 606	1 653	1 696	1 763	1 906	1 977	2 019	1 813	2 270	1 804	1 794
50–54	1 507	1 523	1 540	1 548	1 532	1 536	1 564	1 711	1 952	1 951	2 117	1 670
55–59	1 486	1 473	1 457	1 447	1 441	1 442	1 458	1 463	1 630	1 696	2 146	1 707
60–64	1 427	1 410	1 396	1 389	1 382	1 376	1 364	1 335	1 354	1 750	1 773	1 926
65–69	1 253	1 309	1 353	1 306	1 274	1 252	1 239	1 221	1 182	1 363	1 439	1 828
70–74	971	919	877	928	976	1 021	1 068	1 048	1 015	1 016	1 337	1 369
75–79	708	715	720	724	717	699	663	723	786	758	899	957
80–84	379	391	402	411	419	425	433	444	466	511	527	701
85–89	139	147	155	162	168	175	182	201	223	271	275	335
90 and over	44	45	45	48	50	53	56	66	86	119	140	149
Females all ages	29 193	29 248	29 311	29 377	29 447	29 521	29 599	29 834	30 142	30 427	30 788	30 968
0–4	1 797	1 824	1 859	1 887	1 918	1 949	1 974	2 012	1 933	1 750	1 872	1 824
5–9	1 729	1 762	1 767	1 771	1 778	1 796	1 822	1 916	2 010	1 789	1 803	1 877
10–14	1 707	1 649	1 643	1 663	1 693	1 731	1 764	1 780	1 918	1 933	1 750	1 870
15–19	2 135	2 072	1 987	1 905	1 805	1 717	1 659	1 702	1 789	2 021	1 800	1 805
20–24	2 348	2 323	2 287	2 238	2 206	2 155	2 093	1 827	1 724	1 948	1 964	1 762
25–29	2 166	2 229	2 289	2 335	2 349	2 344	2 317	2 200	1 821	1 806	2 037	1 822
30–34	1 906	1 934	1 972	2 027	2 091	2 156	2 217	2 337	2 188	1 708	1 932	1 953
35–39	1 979	1 924	1 897	1 876	1 879	1 900	1 927	2 083	2 329	1 804	1 789	2 020
40–44	1 916	1 996	2 034	2 061	2 069	1 971	1 915	1 870	2 074	2 171	1 695	1 918
45–49	1 574	1 602	1 645	1 687	1 755	1 900	1 980	2 052	1 855	2 301	1 783	1 769
50–54	1 517	1 531	1 551	1 559	1 545	1 550	1 579	1 730	2 024	2 032	2 128	1 663
55–59	1 545	1 526	1 503	1 485	1 476	1 477	1 492	1 507	1 690	1 790	2 223	1 723
60–64	1 556	1 530	1 510	1 500	1 488	1 475	1 458	1 412	1 445	1 900	1 912	2 005
65–69	1 497	1 555	1 599	1 531	1 480	1 444	1 420	1 385	1 318	1 522	1 617	2 015
70–74	1 317	1 247	1 185	1 235	1 286	1 334	1 385	1 322	1 244	1 222	1 616	1 636
75–79	1 141	1 144	1 146	1 146	1 128	1 095	1 037	1 082	1 119	1 017	1 188	1 266
80–84	787	804	820	830	838	845	851	849	831	823	820	1 089
85–89	401	418	433	446	458	471	485	517	535	558	521	618
90 and over	175	179	185	195	205	213	223	252	294	331	335	333

1 The assumptions on which these projections are made are described in the introductory note on page 5.

Source Government Actuary's Department in consultation with the Office of Population Censuses and Surveys, the General Register Office (Scotland) and the General Register Office (Northern Ireland).

2.7

Projected resident population at mid-year¹

(continued)

	1987	1988	1989	1990	1991	1992	1993	1996	2001	2011	2021	2031
	Base											
Thousands												
England and Wales												
Persons all ages	50 243	50 381	50 535	50 692	50 857	51 029	51 204	51 720	52 413	53 306	54 370	54 979
0-4	3 227	3 284	3 355	3 414	3 478	3 542	3 590	3 662	3 521	3 216	3 469	3 386
5-9	3 099	3 162	3 172	3 182	3 201	3 237	3 291	3 485	3 669	3 280	3 342	3 489
10-14	3 060	2 957	2 950	2 988	3 045	3 114	3 176	3 215	3 498	3 541	3 237	3 477
15-19	3 823	3 716	3 566	3 424	3 246	3 092	2 989	3 075	3 245	3 713	3 325	3 356
20-24	4 204	4 160	4 096	4 007	3 952	3 864	3 760	3 297	3 127	3 579	3 622	3 274
25-29	3 849	3 969	4 084	4 171	4 204	4 201	4 154	3 944	3 290	3 290	3 756	3 373
30-34	3 382	3 429	3 495	3 595	3 709	3 828	3 944	4 175	3 920	3 100	3 551	3 603
35-39	3 517	3 415	3 366	3 329	3 332	3 366	3 410	3 680	4 146	3 254	3 255	3 718
40-44	3 431	3 574	3 634	3 674	3 681	3 496	3 392	3 301	3 640	3 879	3 069	3 516
45-49	2 784	2 837	2 920	3 002	3 128	3 393	3 532	3 630	3 250	4 069	3 204	3 207
50-54	2 668	2 698	2 733	2 749	2 722	2 730	2 782	3 063	3 549	3 531	3 780	2 994
55-59	2 680	2 650	2 615	2 589	2 575	2 579	2 609	2 630	2 958	3 095	3 896	3 069
60-64 Males	1 271	1 255	1 243	1 236	1 229	1 224	1 213	1 186	1 204	1 566	1 577	1 720
60-64 Females	1 376	1 351	1 333	1 323	1 312	1 300	1 284	1 243	1 276	1 697	1 696	1 788
65-69	2 449	2 554	2 634	2 528	2 451	2 397	2 362	2 312	2 214	2 577	2 719	3 434
70-74	2 040	1 929	1 835	1 928	2 019	2 104	2 194	2 114	2 009	1 991	2 650	2 678
75-79	1 651	1 660	1 668	1 671	1 651	1 604	1 520	1 617	1 705	1 581	1 874	1 987
80-84	1 046	1 071	1 095	1 112	1 126	1 138	1 150	1 161	1 166	1 194	1 206	1 615
85-89	487	510	529	548	564	581	600	645	682	746	713	861
90 and over	199	203	209	220	232	241	253	288	343	407	429	434
Scotland												
Persons all ages	5 112	5 104	5 096	5 090	5 084	5 079	5 074	5 060	5 020	4 865	4 680	4 496
0-4	322	324	327	329	331	334	337	342	326	273	273	258
5-9	319	323	322	320	319	318	319	327	338	288	267	267
10-14	325	311	308	308	310	316	320	316	324	319	266	269
15-19	411	396	377	360	341	322	308	307	313	332	282	264
20-24	443	439	432	420	413	400	385	330	296	311	306	261
25-29	404	410	415	423	423	422	419	392	310	282	301	268
30-34	353	359	366	374	381	388	394	408	377	262	276	281
35-39	345	338	336	335	339	345	351	373	399	289	261	284
40-44	327	338	345	352	356	340	333	333	366	365	251	267
45-49	287	289	293	294	300	321	332	349	326	387	280	254
50-54	280	281	282	282	279	279	281	291	339	351	351	242
55-59	279	277	274	272	270	268	269	267	279	306	365	264
60-64 Males	124	123	122	122	121	121	120	118	117	146	152	156
60-64 Females	143	142	141	141	140	139	138	134	133	161	167	164
65-69	239	246	254	245	242	238	236	234	227	238	263	315
70-74	197	188	179	186	192	199	206	203	198	193	240	253
75-79	158	158	158	158	155	150	143	149	159	153	164	183
80-84	97	100	102	103	104	105	105	105	104	111	111	138
85-89	43	45	48	49	51	52	54	58	60	66	65	71
90 and over	16	17	17	18	19	20	21	25	29	34	37	37
Northern Ireland												
Persons all ages	1 575	1 581	1 588	1 594	1 601	1 608	1 615	1 635	1 662	1 684	1 685	1 698
0-4	136	137	139	140	141	142	143	144	138	118	116	112
5-9	131	133	133	133	133	134	135	138	141	125	112	114
10-14	129	126	125	126	128	129	130	131	136	133	113	113
15-19	142	140	137	134	130	127	124	126	129	137	121	109
20-24	138	139	139	137	137	134	132	122	118	126	124	110
25-29	120	123	125	127	128	130	131	129	115	113	121	111
30-34	102	104	107	110	113	115	118	123	124	106	114	114
35-39	96	95	96	96	98	100	101	110	120	107	106	115
40-44	94	95	94	95	94	93	93	95	107	119	101	110
45-49	80	83	85	87	90	92	92	92	92	115	103	102
50-54	75	75	76	77	77	77	80	87	89	101	113	97
55-59	72	72	71	71	71	72	72	73	83	86	107	97
60-64 Males	32	32	31	31	31	31	31	31	32	38	43	51
60-64 Females	37	37	36	36	36	36	36	35	36	42	49	52
65-69	62	64	64	63	62	61	61	60	59	70	74	94
70-74	51	49	49	49	51	52	53	52	51	53	63	74
75-79	40	41	41	41	40	39	38	40	41	41	49	53
80-84	23	24	25	26	27	27	28	28	28	29	31	37
85-89	10	10	11	12	12	13	13	15	16	17	18	22
90 and over	4	4	4	4	5	5	5	6	8	9	10	11

1 The assumptions on which these projections are made are described in the introductory note on page 5.

Source Government Actuary's Department in consultation with the Office of Population Censuses and Surveys, the General Register Office (Scotland) and the General Register Office (Northern Ireland).

Population

2.8

Geographical distribution of the enumerated population: census figures¹

Thousands

	Area in square kilometres ²	1911	1931	1951	1961	1971	1981 ³
Urban and rural districts							
England and Wales:							
Urban areas	21 765	28 163	31 952	35 336	36 872	38 151	37 324
Rural districts	129 360	7 908	8 000	8 422	9 233	10 598	11 687
Scotland:							
Cities and burghs	1 300	3 140	3 362	3 563	3 646	3 705	5 131
Landward areas	75 879	1 620	1 481	1 534	1 533	1 524	
Northern Ireland:							
Urban areas	240	587	678 ⁴	728	770	846	1 532
Rural districts	13 330	664	602 ⁴	643	655	690	
Standard regions of England and Wales							
North	19 349	2 815	3 038	3 137	3 250	3 296	3 104
Yorkshire and Humberside	14 196	3 877	4 285	4 522	4 635	4 799	4 860
East Midlands	12 179	2 263	2 531	2 893	3 100	3 390	3 819
East Anglia	12 565	1 192	1 232	1 382	1 470	1 669	1 872
South East	27 408	11 744	13 539	15 127	16 271	17 230	16 796
South West	23 660	2 687	2 794	3 229	3 411	3 781	4 349
West Midlands	13 013	3 277	3 743	4 423	4 758	5 110	5 148
North West	7 993	5 796	6 197	6 447	6 567	6 743	6 414
Wales	20 763	2 421	2 593	2 599	2 644	2 731	2 792
Conurbations							
Greater London	1 580	7 160	8 110	8 197	7 992	7 452	6 696
West Midlands	678	1 651	1 951	2 260	2 378	2 372	2 244
West Yorkshire	1 255	1 590	1 655	1 693	1 704	1 728	1 682
South East Lancashire	983	2 328	2 427	2 423	2 428	2 393	2 245
Merseyside	394	1 157	1 347	1 386	1 384	1 267	1 127
Tyneside	235	761	827	836	856	805	738
Central Clydeside	778	..	1 690	1 759	1 802	1 728	1 718
Cities							
Birmingham	209	526	1 003	1 113	1 107	1 015	1 007
Liverpool	113	746	856	789	746	610	510
Manchester	110	714	766	703	662	544	449
Sheffield	184	455	512	513	494	520	538
Leeds	164	446	483	505	511	496	705
Bristol	110	357	397	443	437	427	391
Coventry	81	106	167	258	306	335	314
Nottingham	74	260	269	306	312	301	272
Bradford	103	288	298	292	296	294	457
Kingston-upon-Hull	71	278	314	299	303	286	270
Leicester	73	227	239	285	273	284	280
Cardiff	80	182	224	244	257	279	274
Wolverhampton	69	95	133	163	151	269	255
Stoke-on-Trent	93	235	277	275	265	265	253
Glasgow	157	784	1 088	1 090	1 055	897	766
Edinburgh	135	320	439	467	468	454	437
Dundee	50	165	176	177	183	182	180
Aberdeen	50	164	167	183	185	182	204
Belfast	73	387	438 ⁴	444	416	362	314

1

Populations of urban and rural districts and cities are for the administrative areas as constituted at the time of each census from 1911 to 1981. So some changes in population may be the result of changes in the constitutions of the areas; details can be found in the reports of the censuses. The cities shown do not include all urban areas with populations of 182 000 or more in 1981. Populations of Standard Regions and conurbations relate to approximately the same area throughout the period 1911 to 1981.

2

The statistics of area in square kilometres is for areas as constituted in 1971. The areas of urban and rural districts and of conurbations have not been measured since 1971, but there have been some changes in the areas of standard regions and cities.

3

Figures for urban and rural districts in England and Wales and for the conurbations are from the *Census 1981 Preliminary Report for Towns*. Figures for Scotland, standard regions, and cities (administrative districts) are persons present on census night from *Census 1981, Key Statistics for Local Authorities, Great Britain*. In Northern Ireland it is estimated that some 44 500 persons were not enumerated. These are included in the above figures.

4

Figures for Northern Ireland and the City of Belfast relate to the 1937 Census.

Sources Office of Population Censuses and Surveys

2.9 Geographical distribution of resident population: mid-year estimates

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales	49 440	49 443	49 508	49 603	49 634	49 601	49 654	49 764	49 924	50 075	50 243
Scotland	5 226	5 212	5 204	5 194	5 180	5 167	5 150	5 146	5 137	5 121	5 112
Northern Ireland	1 523	1 523	1 528	1 533	1 538 ¹	1 538 ¹	1 543 ¹	1 550 ¹	1 558	1 567	1 575
Standard regions of England and Wales											
North	3 149	3 134	3 130	3 128	3 118	3 107	3 100	3 093	3 086	3 080	3 077
Yorkshire and Humberside	4 921	4 920	4 921	4 923	4 918	4 910	4 908	4 904	4 903	4 899	4 900
East Midlands	3 787	3 798	3 818	3 838	3 853	3 852	3 860	3 874	3 897	3 920	3 942
East Anglia	1 825	1 842	1 864	1 882	1 895	1 911	1 925	1 940	1 965	1 992	2 014
South East	16 945	16 939	16 952	16 993	17 010	17 006	17 042	17 112	17 192	17 265	17 318
Greater London	7 012	6 947	6 888	6 851	6 806	6 766	6 754	6 756	6 768	6 775	6 770
South West	4 300	4 313	4 335	4 361	4 381	4 398	4 424	4 461	4 501	4 543	4 588
West Midlands	5 175	5 175	5 179	5 185	5 186	5 186	5 176	5 176	5 183	5 181	5 198
North West	6 538	6 517	6 498	6 477	6 460	6 431	6 410	6 396	6 386	6 374	6 370
Wales	2 801	2 804	2 810	2 816	2 814	2 807	2 808	2 807	2 812	2 821	2 836
Metropolitan counties											
Tyne and Wear	1 182	1 172	1 166	1 162	1 155	1 150	1 145	1 142	1 140	1 135	1 136
South Yorkshire	1 320	1 318	1 316	1 316	1 317	1 313	1 310	1 305	1 303	1 298	1 296
West Yorkshire	2 078	2 074	2 072	2 069	2 067	2 063	2 059	2 056	2 053	2 053	2 052
West Midlands	2 729	2 710	2 694	2 684	2 673	2 666	2 658	2 647	2 642	2 632	2 624
Greater Manchester	2 668	2 654	2 641	2 628	2 619	2 605	2 598	2 588	2 583	2 579	2 580
Merseyside	1 571	1 556	1 543	1 531	1 522	1 510	1 501	1 491	1 481	1 468	1 457
London boroughs and county districts (with about 275 000 or more population)											
Tyne and Wear											
Newcastle-upon-Tyne	295	292	290	288	284	281	281	281	282	281	283
Sunderland	296	296	296	297	297	300	299	299	299	298	297
South Yorkshire											
Sheffield	559	555	551	549	548	546	543	540	539	534	532
Doncaster	287	288	288	290	291	289	290	288	289	289	290
West Yorkshire											
Leeds	735	730	726	721	718	716	714	712	711	711	709
Bradford	463	463	462	463	465	465	464	464	464	463	462
Kirklees	377	376	377	377	377	377	377	378	377	377	376
Wakefield	310	311	313	314	314	314	312	311	310	309	310
Greater London											
Croydon	326	325	324	322	321	322	321	319	319	319	319
Barnet	299	297	296	295	295	295	294	298	301	305	306
Bromley	299	299	298	298	298	298	299	298	298	297	298
Ealing	292	291	288	283	282	282	284	289	292	296	297
West Midlands											
Birmingham	1 046	1 037	1 029	1 025	1 021	1 017	1 013	1 009	1 008	1 004	998
Coventry	330	328	326	323	319	317	316	314	312	310	309
Sandwell	317	314	312	310	310	309	307	305	303	301	298
Dudley	299	299	299	300	301	301	301	301	301	301	303
Greater Manchester											
Manchester	486	477	470	465	463	459	458	455	451	451	450
Wigan	311	312	311	310	310	309	308	307	307	307	307
Stockport	289	291	292	291	290	290	289	289	291	290	291
Merseyside											
Liverpool	542	534	527	521	517	510	502	497	492	483	476
Wirral	345	343	341	341	341	339	338	338	337	335	335
Sefton	304	304	303	302	300	299	300	299	298	298	297
Avon											
Bristol	414	409	405	402	401	400	399	397	394	391	384
Leicestershire											
Leicester	281	280	280	281	283	282	282	282	283	281	280
Nottinghamshire											
Nottingham	284	282	279	277	278	278	277	280	279	278	277
South Glamorgan											
Cardiff	284	283	282	282	281	280	280	281	279	280	281
City of Glasgow local government district	837	815	800	788	774	762	751	744	734	725	716
City of Edinburgh local government district	462	454	452	449	446	444	441	440	440	438	439
Belfast	358	354	351	346	315 ¹	310 ¹	306 ¹	304 ¹	302	304	304

1 The figures for Northern Ireland have been revised using a new estimate of 44 500 non-enumerated persons in the 1981 Census.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.10

Migration into and out of the United Kingdom
Analysis by nationality and country of last or next residence

Thousands

Commonwealth (including British) citizens													
All migrants	Total	Country of last or next residence											
		Commonwealth									Foreign		
		All	Australia	Canada	New Zealand	Africa	Bangladesh, India, Sri Lanka	Caribbean including Guyana and Belize	Other	All	European Community ¹	Rest of Europe ¹	
Inflow													
1975	197	138	101	26	7	10	21	13	5	18	37	12	4
1976	191	136	94	24	7	8	18	15	4	17	42	15	2
1977	163	112	75	20	7	8	14	11	4	11	37	9	4
1978	187	123	82	18	6	9	13	19	5	12	41	12	2
1979	195	135	90	16	6	9	16	19	5	19	45	9	5
1980	174	109	68	12	5	6	11	14	4	15	41	14	3
1981	153	100	65	10	5	4	11	18	3	12	36	11	3
1982	202	139	65	10	6	4	14	17	2	11	74	38	6
1983	202	140	83	18	6	6	18	13	4	17	57	20	5
1984	201	138	74	13	6	9	14	15	2	15	65	22	7
1985	232	157	77	15	6	9	11	13	3	19	80	33	6
1986	250	164	77	16	5	8	12	16	5	15	87	36	5
1987	212	146	72	14	7	11	10	14	3	15	74	33	3
Outflow													
1975	238	197	108	29	36	14	13	3	4	8	89	17	10
1976	210	166	90	32	22	9	11	4	3	10	76	17	5
1977	209	172	92	32	18	8	16	4	3	10	81	19	13
1978	192	152	74	25	14	9	10	4	2	10	78	21	8
1979	189	154	75	23	18	8	9	4	3	10	78	22	7
1980	229	181	98	35	19	10	12	4	3	14	83	18	8
1981	233	193	105	45	22	10	10	2	3	13	88	15	7
1982	259	219	111	45	19	10	11	5	5	17	108	30	4
1983	185	148	72	28	6	6	9	4	3	16	77	21	7
1984	164	126	57	18	5	6	7	3	3	16	69	21	7
1985	174	134	62	20	6	7	7	3	3	16	73	22	12
1986	213	163	75	31	8	10	5	4	2	14	88	49	4
1987	210	160	77	37	12	8	5	2	3	10	82	41	4
Balance													
1975	-41	-58	-7	-3	-29	-5	+8	+10	+1	+10	-52	-5	-7
1976	-19	-29	+4	-7	-15	-1	+7	+12	-	+8	-33	-2	-3
1977	-46	-60	-17	-12	-12	-	-1	+7	+1	+1	-43	-10	-9
1978	-5	-29	+9	-7	-8	-	+3	+15	+2	+3	-37	-9	-5
1979	+6	-19	+16	-7	-12	+1	+7	+15	+2	+10	-33	-12	-2
1980	-55	-71	-30	-24	-14	-4	-	+9	+2	+2	-42	-4	-4
1981	-79	-93	-41	-35	-17	-5	+1	+16	-	-	-52	-3	-4
1982	-57	-81	-46	-34	-13	-6	+4	+12	-3	-6	-35	+8	+2
1983	+17	-8	+12	-10	+1	-	+9	+9	+2	+1	-20	-1	-2
1984	+37	+12	+17	-5	+1	+3	+7	+12	-1	-1	-5	-	-
1985	+59	+23	+16	-5	+1	+3	+4	+10	-	+3	+7	+10	-6
1986	+37	+1	+2	-15	-3	-2	+7	+12	+3	+2	-1	-13	+1
1987	+2	-14	-5	-23	-6	+3	+5	+11	-	+5	-9	-9	-1

See note on page 5.
1 Including Greece with European Community from 1981, and Spain and Portugal from 1986.

Source Office of Population Censuses and Surveys

2.10

Migration into and out of the United Kingdom

Analysis by nationality and country of last or next residence

(continued)

Thousands

Commonwealth (including British) citizens (continued)					Foreign nationals								
Country of last or next residence (continued)					Country of last or next residence								
Foreign (continued)					Total	Common-wealth	Foreign						
United States of America	Rest of America	Republic of South Africa	Pakistan	Other			All	All	European Community ¹	United States of America	Pakistan	Other ¹	
Inflow													
6	2	7	2	5	59	2	57	11	10	4	31	1975	
6	2	8	3	6	55	1	54	10	10	9	26	1976	
5	1	11	2	5	50	2	48	9	7	10	22	1977	
6	1	10	3	8	64	1	63	12	9	16	25	1978	
5	1	9	3	13	60	2	58	13	8	11	25	1979	
7	2	3	2	10	64	3	61	10	10	9	32	1980	
7	1	2	3	9	53	3	50	12	10	7	22	1981	
8	2	8	3	8	63	3	60	15	11	8	26	1982	
11	1	5	4	10	62	2	60	11	14	8	27	1983	
7	1	8	4	17	63	1	62	15	17	7	23	1984	
12	1	13	3	13	75	1	74	20	12	7	35	1985	
10	2	15	4	14	86	3	84	33	16	6	29	1986	
13	1	5	4	14	66	2	64	22	15	6	22	1987	
Outflow													
12	2	28	2	18	41	2	39	11	10	—	18	1975	
11	2	20	2	19	45	1	44	14	10	1	19	1976	
11	1	7	1	30	36	1	35	10	10	1	14	1977	
14	2	4	1	28	41	2	39	11	11	1	17	1978	
17	2	5	1	25	35	1	34	7	10	1	17	1979	
19	3	11	1	24	48	2	47	16	10	—	20	1980	
16	3	22	1	25	40	1	38	14	9	—	15	1981	
15	2	25	1	30	40	3	37	7	14	—	16	1982	
17	—	8	1	21	37	2	35	8	15	—	13	1983	
14	—	8	1	17	38	2	35	5	15	1	14	1984	
12	2	5	1	19	39	3	36	7	12	2	15	1985	
14	1	1	1	17	50	1	49	9	20	—	20	1986	
20	1	3	—	14	50	3	48	18	14	1	15	1987	
Balance													
—6	—	—22	—	—12	+17	—	+18	—	—	+4	+14	1975	
—4	—	—12	+2	—14	+10	—	+11	—4	—	+8	+7	1976	
—5	—	+4	+1	—25	+14	—	+14	—1	—3	+9	+8	1977	
—9	—1	+6	+2	—20	+23	—	+24	+1	—1	+16	+8	1978	
—11	—1	+3	+2	—12	+25	+1	+24	+6	—1	+10	+9	1979	
—12	—1	—8	+1	—14	+16	+1	+14	—6	—	+9	+12	1980	
—9	—1	—20	+2	—16	+13	+2	+12	—2	+1	+6	+7	1981	
—7	—	—17	+1	—22	+23	—	+23	+8	—4	+8	+11	1982	
—6	+1	—3	+3	—11	+25	—	+25	+3	—	+8	+14	1983	
—7	+1	—	+3	—	+25	—2	+27	+10	+2	+5	+8	1984	
—	—1	+8	+2	—6	+36	—2	+38	+13	—	+5	+20	1985	
—4	+1	+13	+3	—2	+36	+1	+34	+23	—4	+5	+10	1986	
—7	—	+3	+4	+1	+16	—1	+17	+4	+1	+5	+7	1987	

See note on page 5.

¹ Including Greece with European Community from 1981, and Spain and Portugal from 1986.

Source Office of Population Censuses and Surveys

2.11

Migration into and out of the United Kingdom
Analysis by occupation and sex

Thousands

	Total			Professional and managerial			Manual and clerical			Not gainfully employed ¹		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Inflow												
1975	197	102	95	49	28	20	50	31	19	98	42	56
1976	191	100	91	52	37	15	41	23	18	98	40	58
1977	163	88	74	43	29	14	37	22	15	82	37	46
1978	187	96	91	46	33	13	33	19	14	109	44	64
1979	195	103	91	53	36	16	35	21	14	107	46	61
1980	174	92	82	44	32	12	32	19	14	97	41	56
1981	153	83	71	45	32	13	24	14	10	85	37	48
1982	202	100	101	44	35	9	38	18	20	120	48	73
1983	202	107	95	55	40	15	36	21	15	111	46	64
1984	201	102	99	59	41	18	32	15	17	111	46	64
1985	232	99	133	65	38	27	32	16	16	134	44	90
1986	250	121	130	76	52	24	46	21	25	128	47	81
1987	212	105	108	63	44	18	48	21	27	101	39	62
Outflow												
1975	238	126	112	60	43	18	73	44	29	104	39	65
1976	210	118	93	70	50	20	56	36	20	84	31	53
1977	209	117	91	66	49	17	62	39	23	81	30	51
1978	192	108	85	56	39	16	56	36	20	81	33	48
1979	189	106	82	58	43	15	52	30	22	79	34	45
1980	229	134	95	65	49	16	62	42	20	102	43	59
1981	233	133	100	67	50	17	60	38	22	105	44	61
1982	259	135	124	67	48	19	66	37	29	126	50	76
1983	185	90	95	51	32	18	36	19	16	99	38	60
1984	164	80	84	51	32	19	34	16	19	79	32	47
1985	174	91	83	51	36	15	36	18	17	87	36	50
1986	213	107	106	77	55	21	38	17	22	98	35	63
1987	210	108	102	64	38	26	57	29	28	90	41	49
Balance												
1975	-41	-24	-17	-12	-14	+2	-23	-13	-10	-6	+3	-9
1976	-19	-18	-1	-18	-13	-5	-15	-13	-1	+14	+9	+5
1977	-46	-29	-17	-23	-20	-3	-24	-16	-8	+1	+7	-6
1978	-5	-12	+6	-10	-7	-3	-24	-17	-7	+28	+12	+16
1979	+6	-3	+9	-5	-6	+1	-17	-9	-8	+28	+12	+16
1980	-55	-42	-14	-20	-16	-4	-30	-23	-6	-5	-2	-3
1981	-79	-50	-29	-22	-19	-4	-37	-24	-13	-20	-8	-13
1982	-57	-34	-23	-23	-13	-10	-29	-19	-10	-6	-2	-3
1983	+17	+17	-	+5	+8	-3	-	+1	-1	+12	+8	+4
1984	+37	+22	+16	+8	+8	-	-3	-1	-2	+32	+14	+18
1985	+59	+8	+51	+14	+2	+12	-3	-2	-1	+48	+8	+40
1986	+37	+13	+24	-1	-4	+3	+8	+5	+3	+30	+12	+18
1987	+2	-3	+5	-1	+7	-7	-8	-7	-1	+11	-2	+14

See note on page 5.

1 Includes housewives, students, children and retired persons.

Source Office of Population Censuses and Surveys

2.12 Acceptances for settlement by nationality
United Kingdom

Number of persons

Geographical region and nationality	All acceptances for settlement				
	1983	1984	1985	1986	1987
All nationalities	53 460	50 950	55 360	46 820	45 980
Europe					
European Community					
Belgium	70	120	100	110	60
Denmark	140	140	150	140	110
France	520	590	580	490	420
Germany (Federal Republic)	680	640	750	550	450
Greece	200	220	250	220	240
Italy	600	520	540	400	260
Luxembourg	—	—	—	—	—
Netherlands	460	540	460	410	280
Portugal ¹	390	230	230	200	230
Spain	480	530	440	360	370
European Community	3 550	3 530	3 490	2 880	2 430
Other Western Europe					
Austria	110	140	120	80	100
Cyprus	560 ²	470	420	370	380
Finland	130	100	110	110	140
Malta	200	210	180	160	120
Norway	230	210	230	170	180
Sweden	330	400	390	350	490
Switzerland	170	180	170	160	130
Turkey	580	530	480	400	460
Yugoslavia	140	130	130	130	170
Other Western Europe	2 440	2 370	2 240	1 950	2 160
Eastern Europe					
Bulgaria	10	10	20	20	10
Czechoslovakia	30	30	20	20	40
German Democratic Republic	10	10	10	—	—
Hungary	20	40	50	40	50
Poland	390	310	370	250	270
Romania	20	20	20	20	20
USSR	40	50	50	40	70
Eastern Europe	520	470	540	390	470
Europe	6 520	6 370	6 270	5 220	5 060
Americas					
Argentina	80	40	50	50	40
Barbados	40	50	60	40	60
Brazil	140	190	170	160	160
Canada	1 140	1 400	1 500	1 200	1 180
Chile	120	60	70	40	40
Colombia	180	140	170	140	160
Cuba	—	—	—	—	—
Guyana	190	190	200	140	180
Jamaica	310	290	350	490	510
Mexico	70	70	70	60	80
Peru	50	60	80	50	50
Trinidad and Tobago	170	150	160	160	140
USA	3 940	3 750	4 170	3 740	3 710
Uruguay	—	—	10	—	—
Venezuela	70	50	50	40	40
West Indies Associated States ³	40	—	—	—	—
Americas	6 530	6 440	7 130	6 310	6 350
Africa					
Algeria	100	60	70	60	80
Egypt	380	350	350	240	250
Ethiopia	50	40	30	50	60
Ghana	560	690	660	520	920
Kenya	640	610	520	340	400
Libya	100	70	170	130	100

Geographical region and nationality	All acceptances for settlement				
	1983	1984	1985	1986	1987
Africa—continued					
Mauritius	520	470	410	260	300
Morocco	150	130	160	140	170
Nigeria	360	320	500	560	780
Sierra Leone	60	80	70	90	100
Somalia	20	20	20	70	70
South Africa	840	690	790	730	1 020
Sudan	50	50	110	50	70
Tanzania	320	300	330	240	210
Tunisia	50	60	40	50	30
Uganda	100	40	50	80	90
Zambia	90	110	100	120	150
Zimbabwe	280	280	320	270	350
Africa	4 670	4 380	4 710	4 000	5 150
Asia					
Indian Sub-Continent					
Bangladesh	4 870	4 180	5 330	4 760	3 080
India	5 380	5 140	5 500	4 140	4 610
Pakistan	6 440	5 510	6 680	5 530	3 930
Indian Sub-Continent	16 690	14 840	17 510	14 430	11 620
Middle East					
Iran	1 980	1 670	2 210	1 640	1 450
Iraq	430	400	550	430	450
Israel	310	290	340	320	300
Jordan	150	120	90	140	130
Kuwait	—	10	10	10	10
Lebanon	260	260	250	190	220
Saudi Arabia	30	50	30	30	30
Syria	100	70	90	80	100
Middle East	3 280	2 870	3 580	2 840	2 690
Remainder of Asia					
China	160	140	140	100	120
Indonesia	60	60	60	60	60
Japan	1 010	1 100	1 010	890	1 300
Malaysia	780	680	630	560	630
Philippines	680	630	780	990	1 240
Singapore	140	160	160	110	140
Sri Lanka	920	760	930	800	720
Thailand	260	300	340	410	470
BDTC Hong Kong ⁴	1 050	1 040	950	860	920
Remainder of Asia	5 060	4 870	5 000	4 780	5 600
Asia	25 040	22 570	26 090	22 040	19 920
Australasia					
Australia	2 680	3 590	3 780	2 850	3 020
New Zealand	1 980	2 460	2 880	2 510	2 690
Australasia	4 660	6 040	6 660	5 360	5 710
British Overseas Citizens	3 280	2 690	2 180	1 670	1 860
Other countries not elsewhere specified	820	860	900	700	890
Stateless ⁵	1 930	1 600	1 420	1 520	1 040
All nationalities	53 460	50 950	55 360	46 820	45 980
Foreign	26 560	24 230	26 840	23 270	22 160
Commonwealth	26 910	26 720	28 520	23 550	23 810
Old Commonwealth	5 800	7 440	8 160	6 560	6 900
New Commonwealth and Pakistan	27 550	24 800	27 050	22 520	20 850
Foreign excluding Pakistan	20 120	18 720	20 150	17 740	18 230

1 Portugal and Spain joined the European Community on 1 January 1986.

2 Includes 60 Cypriots accepted for settlement in 1983 under the special concessions announced on 29 April 1982.

3 The composition of the West Indies Associated States has changed with the independence of each of the constituent countries. After independence, their countries have been included in 'other countries not elsewhere specified'.

4 British Dependant Territories Citizens.

5 Includes refugees from South-East Asia.

2.13 Marriages

	Numbers										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
United Kingdom ¹											
Marriages	403 938	416 373	416 927	418 446	397 846	387 021	389 286	395 797	393 117	393 939	397 937
Persons marrying per 1 000 resident population	14.5	14.9	14.9	15.0	14.1	13.4	13.8	14.0	13.9	13.9	14.0
Previous marital status											
Bachelors	309 307	314 463	315 137	314 849	297 589	288 408	288 713	293 645	291 171	290 144	296 290
Divorced men	76 732	84 637	85 255	87 663	85 141	84 110	86 484	88 691	88 981	91 006	89 814
Widowers	17 899	17 273	16 535	15 934	15 116	14 503	14 089	13 461	12 965	12 789	11 833
Spinsters	312 892	317 537	318 786	319 088	302 354	293 068	293 554	299 256	296 797	294 564	301 073
Divorced women	73 340	81 560	81 846	83 376	80 755	80 148	82 314	83 477	83 921	87 080	85 238
Widows	17 706	17 276	16 295	15 982	14 737	13 805	13 418	13 064	12 399	12 295	11 626
Males											
Under 21 years	59 877	58 536	55 867	52 644	46 197	41 544	37 141	33 447	30 243	25 828	24 269
21–24	137 206	139 394	140 399	141 776	133 522	127 833	127 149	127 351	123 242	119 464	118 355
25–29	92 745	95 975	97 614	98 831	96 062	96 194	99 855	105 799	109 896	114 007	119 808
30–34	41 794	45 954	47 331	48 104	46 873	45 266	45 794	47 325	47 594	49 287	51 389
35–44	33 710	36 996	37 964	39 427	39 366	41 111	43 538	45 955	46 265	48 583	48 598
45–54	18 668	19 615	19 063	19 360	18 333	18 286	18 990	19 358	19 652	20 376	19 788
55 and over	19 938	19 903	18 689	18 304	17 493	16 787	16 819	16 562	16 225	16 394	15 730
Females											
Under 21 years	138 994	137 971	133 554	127 542	114 540	104 642	96 859	90 301	82 209	72 466	68 629
21–24	119 149	124 514	128 444	133 309	129 565	128 446	132 020	136 244	137 437	138 219	140 509
25–29	61 117	63 161	64 589	65 818	65 131	66 293	70 284	76 566	80 105	85 316	90 911
30–34	29 143	32 568	33 487	34 064	32 786	31 306	32 163	32 998	33 424	35 237	36 643
35–44	26 669	29 152	29 622	30 699	30 493	31 795	33 156	34 854	35 380	37 515	36 978
45–54	15 477	15 770	14 981	15 011	14 091	13 857	14 325	14 716	14 892	15 414	15 001
55 and over	13 389	13 237	12 250	12 003	11 240	10 682	10 479	10 118	9 670	9 772	9 260
England and Wales											
Marriages	356 954	368 258	368 853	370 022	351 973	342 166	344 334	349 186	346 389	347 924	351 761
Persons marrying per 1 000 resident population	14.4	14.9	14.9	14.9	14.2	13.8	13.9	14.0	13.9	13.9	13.8
Previous marital status											
Bachelors	269 046	273 719	273 986	274 140	259 106	250 999	251 845	255 469	253 296	252 953	258 750
Divorced men	71 546	78 844	79 812	81 396	79 099	78 040	79 678	81 448	81 370	83 401	82 315
Widowers	16 362	15 695	15 055	14 486	13 768	13 127	12 811	12 269	11 723	11 570	10 696
Spinsters	272 215	276 385	277 166	277 826	263 368	255 171	256 214	260 359	258 089	256 767	262 958
Divorced women	68 493	76 099	76 822	77 595	75 147	74 418	75 909	76 899	77 031	79 964	78 219
Widows	16 246	15 774	14 865	14 601	13 458	12 577	12 211	11 928	11 269	11 193	10 584
Males ²											
Under 21 years	49 961	49 007	46 863	44 062	38 660	34 809	31 216	27 941	25 496	21 758	20 541
21–24	119 365	121 213	121 739	123 080	115 924	110 972	110 537	110 351	106 608	103 651	102 907
25–29	82 713	85 668	86 982	88 067	85 391	85 333	88 470	93 227	96 804	100 360	105 458
30–34	38 118	41 909	43 308	43 854	42 696	41 084	41 402	42 563	42 532	44 125	46 063
35–44	31 074	34 169	35 119	36 323	36 312	37 712	39 882	42 064	42 120	44 309	44 237
45–54	17 204	17 998	17 667	17 842	16 862	16 812	17 389	17 790	17 968	18 681	18 055
55 and over	18 519	18 294	17 175	16 794	16 128	15 444	15 438	15 250	14 861	15 040	14 500
Females ²											
Under 21 years	120 091	119 535	115 709	110 288	99 246	90 669	84 125	78 026	71 394	62 831	59 705
21–24	104 152	108 758	111 964	116 618	113 149	112 314	115 641	118 928	119 707	120 769	122 999
25–29	54 774	56 617	57 851	58 767	58 183	58 932	62 288	67 567	70 495	75 224	80 062
30–34	26 710	29 908	30 852	31 259	30 122	28 510	29 194	29 917	30 055	31 658	32 932
35–44	24 500	26 786	27 374	28 258	28 011	29 240	30 381	31 969	32 296	34 375	33 818
45–54	14 251	14 464	13 771	13 709	12 842	12 596	13 007	13 401	13 549	14 054	13 690
55 and over	12 476	12 190	11 332	11 123	10 420	9 905	9 698	9 378	8 893	9 013	8 555

1 1987 data are provisional.

2 The figures for England and Wales include an assumed distribution of 'Age not stated'.

Source Office of Population Censuses and Surveys

2.13

Marriages

Scotland, Northern Ireland

(continued)

	Numbers										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Scotland											
Marriages	37 288	37 811	37 860	38 501	36 237	34 942	34 962	36 253	36 385	35 790	35 813
Persons marrying per 1 000 population	14.4	14.6	14.7	14.9	14.1	13.5	13.6	14.1	14.2	14.0	14.0
Previous marital status											
Bachelors	31 099	31 044	31 571	31 472	29 622	28 357	27 765	28 753	28 475	27 860	28 126
Divorced men	4 863	5 419	5 016	5 777	5 462	5 416	6 111	6 488	6 876	6 890	6 740
Widowers	1 326	1 348	1 273	1 252	1 153	1 169	1 086	1 012	1 034	1 040	947
Spinsters	31 455	31 417	31 989	31 968	30 103	28 736	28 185	29 358	29 208	28 414	28 588
Divorced women	4 570	5 125	4 652	5 355	5 065	5 163	5 755	5 948	6 233	6 452	6 349
Widows	1 263	1 269	1 219	1 178	1 069	1 043	1 022	947	944	924	876
Males											
Under 21 years	7 892	7 504	7 098	6 798	5 930	5 190	4 491	4 172	3 591	3 028	2 780
21–24	13 952	13 935	14 553	14 700	13 736	12 986	12 806	12 996	12 689	12 015	11 742
25–29	7 728	7 910	8 108	8 263	8 273	8 215	8 590	9 602	9 903	10 322	10 883
30–34	2 948	3 246	3 201	3 448	3 362	3 333	3 503	3 752	4 052	4 125	4 191
35–44	2 252	2 391	2 378	2 639	2 524	2 818	3 021	3 235	3 515	3 624	3 655
45–54	1 286	1 414	1 198	1 354	1 243	1 259	1 375	1 371	1 466	1 483	1 509
55 and over	1 230	1 411	1 324	1 299	1 169	1 141	1 176	1 125	1 169	1 193	1 053
Females											
Under 21 years	14 874	14 264	13 969	13 575	12 019	10 752	9 685	9 336	8 224	7 245	6 665
21–24	11 724	12 193	12 813	13 091	12 847	12 439	12 627	13 255	13 531	13 316	13 338
25–29	4 954	5 054	5 181	5 476	5 347	5 594	6 105	6 922	7 393	7 720	8 314
30–34	1 982	2 208	2 124	2 326	2 175	2 251	2 394	2 502	2 746	2 926	3 044
35–44	1 886	2 025	1 919	2 127	2 086	2 166	2 320	2 472	2 652	2 720	2 686
45–54	1 069	1 157	1 046	1 147	1 070	1 083	1 165	1 130	1 180	1 157	1 209
55 and over	799	910	808	759	693	657	666	636	659	654	609
Northern Ireland¹											
Marriages	9 696	10 304	10 214	9 923	9 636	9 913	9 990	10 358	10 343	10 225	10 363
Persons marrying per 1 000 population	12.6	13.4	13.2	12.8	12.3	12.6	12.8	13.1	13.3	13.1	13.2
Previous marital status											
Bachelors	9 162	9 700	9 580	9 237	8 861	9 052	9 103	9 423	9 400	9 331	9 414
Divorced men	323	374	427	490	580	654	695	755	735	715	759
Widowers	211	230	207	196	195	207	192	180	208	179	190
Spinsters	9 222	9 735	9 631	9 294	8 883	9 161	9 155	9 539	9 500	9 383	9 527
Divorced women	277	336	372	426	543	567	650	630	657	664	670
Widows	197	233	211	203	210	185	185	189	186	178	166
Males											
Under 21 years	2 024	2 025	1 906	1 784	1 607	1 545	1 435	1 334	1 156	1 042	948
21–24	3 889	4 246	4 107	3 996	3 862	3 875	3 806	4 004	3 945	3 798	3 706
25–29	2 304	2 397	2 524	2 501	2 398	2 646	2 794	2 970	3 189	3 325	3 467
30–34	728	799	822	802	815	849	889	1 010	1 010	1 037	1 135
35–44	384	436	467	465	530	581	635	656	630	650	706
45–54	178	203	198	164	228	215	226	197	218	212	224
55 and over	189	198	190	211	196	202	205	187	195	161	177
Females											
Under 21 years	4 029	4 172	3 876	3 679	3 275	3 221	3 050	2 939	2 591	2 390	2 259
21–24	3 273	3 563	3 667	3 600	3 569	3 693	3 751	4 061	4 199	4 134	4 172
25–29	1 389	1 490	1 557	1 575	1 601	1 767	1 891	2 077	2 217	2 372	2 535
30–34	451	452	511	479	489	545	575	579	623	653	667
35–44	283	341	329	314	396	389	455	413	432	420	474
45–54	157	149	164	155	179	178	153	185	163	151	154
55 and over	114	137	110	121	127	120	115	104	118	105	102

1 1987 data are provisional.

Sources General Register Office (Scotland); General Register Office (Northern Ireland)

2.14

Divorce
England and Wales, Scotland

	Numbers										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales											
Decrees absolute ¹ , granted: Number ¹	129 053	143 667	138 706	148 301	145 713	146 698	147 479	144 501	160 300	153 903	151 007
Rate per 1 000 married couples	10.4	11.6	11.2	12.0	11.9	12.0	12.2	12.0	13.4	12.9	12.6 ⁷
Duration of marriage:											
0–4 years	23 506	25 807	25 883	28 517	28 640	30 262	31 097	30 500	45 776	38 637	35 423
5–9 years	38 790	43 228	42 190	45 152	43 808	42 499	42 041	40 866	41 537	42 187	43 150
10–14 years	24 000	27 207	26 373	28 620	28 242	28 737	28 432	27 336	27 087	26 718	26 194
15–19 years	16 061	17 918	17 124	18 541	18 499	18 855	19 103	19 108	19 460	19 547	19 576
20 years and over	26 696	29 507	27 136	27 471	26 499	26 301	26 769	26 681	26 427	26 805	26 664
Not stated					25	44	37	10	13	9	–
Age of wife at marriage:											
16–19 years	49 170	54 484	52 550	55 946	54 424	54 067	52 547	49 610	52 858	48 621	46 097
20–24 years	57 153	63 319	60 523	64 786	63 034	62 955	63 382	62 642	69 663	68 387	68 345
25–29 years	12 545	14 259	14 118	15 060	15 281	15 714	16 351	16 811	18 689	18 990	19 049
30–34 years	4 535	5 203	5 187	5 638	5 813	6 317	7 092	7 125	8 544	8 189	7 983
35–39 years	2 341	2 637	2 690	2 893	3 091	3 312	3 502	3 729	4 612	4 497	4 403
40–44 years	1 390	1 528	1 572	1 672	1 757	1 975	2 081	2 090	2 609	2 378	2 416
45 years and over	1 919	2 237	2 066	2 306	2 313	2 358	2 524	2 494	3 325	2 841	2 714
Age of wife at divorce:											
16–24 years	16 989	19 471	19 639	20 905	20 095	19 987	19 440	18 232	26 170	21 713	19 066
25–29 years	30 115	33 149	31 892	34 308	33 299	32 995	32 695	31 800	35 680	34 478	34 209
30–34 years	26 384	29 659	29 137	31 765	31 104	30 023	28 958	27 734	28 668	28 452	28 995
35–39 years	17 701	19 840	19 457	21 436	22 459	24 567	25 673	25 522	26 554	25 956	24 934
40–44 years	13 135	15 183	14 473	15 423	15 276	15 587	16 336	16 712	17 767	18 519	19 403
45 years and over	24 729	26 365	24 108	24 464	23 455	23 495	24 340	24 491	25 448	24 776	24 400
Not stated					25	44	37	10	13	9	–
Divorces in which there were:											
No children ²	37 818	43 065	41 805	45 334	42 292	42 174	42 458	41 831	51 912	47 330	46 770
1 or more children ²	91 235	100 602	96 901	102 967	103 421	104 524	105 021	102 670	108 388	106 573	104 237
Scotland											
Decrees absolute, granted ^{3, 4} : Number ¹	8 560	8 411	8 833	10 528	9 894	11 288	13 238	11 906	13 371	12 800	12 133
Rate per 1 000 married ⁵ couples	6.9	6.8	7.2	8.6	8.0	9.2	11.0	9.9	11.2	10.7	10.2
Duration of marriage:											
0–4 years	1 741	1 563	1 457	1 807	1 699	1 991	2 267	2 157	2 364	2 233	2 173
5–9 years	2 418	2 441	2 612	3 134	3 014	3 493	4 008	3 455	3 882	3 735	3 544
10–14 years	1 457	1 430	1 728	2 090	1 944	2 272	2 419	2 284	2 684	2 536	2 351
15–19 years	1 146	972	1 115	1 359	1 224	1 401	1 655	1 578	1 868	1 804	1 670
20 years and over	1 806	1 997	1 921	2 138	2 013	2 131	2 889	2 433	2 573	2 492	2 395
Age of wife at marriage:											
16–20 years	4 966	4 688	5 042	5 988	5 584	6 423	7 089	6 384	7 143	6 767	6 134
21–24 years	2 364	2 368	2 408	2 935	2 769	3 159	3 813	3 510	3 914	3 768	3 778
25–29 years	706	740	787	902	853	929	1 218	1 093	1 246	1 257	1 274
30–34 years	218	264	249	314	293	322	470	404	461	458	423
35–39 years	130	128	130	150	167	184	252	182	247	250	224
40–44 years	64	66	68	78	86	105	144	123	143	120	142
45 years and over	92	104	100	161	142	127	178	162	170	174	158
Age not stated	20	53	49			39	74	57	49	6	–
Age of wife at divorce:											
16–24 years	1 754	1 640	1 468	1 702	1,525	1 831	1 909	1 682	1 881	1 674	1 504
25–29 years	2 046	1 926	2 126	2 625	2 428	2 820	3 154	2 865	3 152	3 001	2 920
30–34 years	1 411	1 380	1 663	2 027	2 012	2 285	2 494	2 865	2 628	2 597	2 443
35–39 years	1 092	992	1 129	1 431	1 345	1 543	1 850	1 852	2 183	2 136	1 942
40–44 years	774	771	875	1 053	1 000	1 112	1 382	1 247	1 440	1 370	1 482
45 years and over	1 463	1 649	1 525	1 690	1 584	1 658	2 375	1 921	2 040	2 016	1 842
Age not stated	20	53	47			39	74	57	49	6	–
Actions ⁶ in which there were:											
No children	3 260	3 836	3 756	4 325	4 148	4 603	6 774	5 488	6 040	6 046	5 989
1 or more children	5 923	4 946	5 401	6 622	6 099	7 079	6 863	6 418	7 331	6 754	6 144

1 Includes decrees of divorce and of nullity.

2 Children of the family as defined by the Matrimonial Causes Act 1973.

3 For divorces under pre-1976 legislation these figures relate only to persons who were married in Scotland, and obtained their decree of divorce from the Court of Session. Also with effect from 1 May 1984 the jurisdiction of the Sheriff Courts was extended to include divorce.

4 With effect from 1984 these statistics are being collected on the basis of divorces granted only and any difference in the number of divorces brought and granted relates to nullity of marriages.

5 Rates are calculated using the average of the estimated married male and female populations.

6 These Actions relate to all persons divorced or separated in Scotland, irrespective of the country of marriage.

7 Provisional.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); Scottish Courts Administration

2.15 Divorce proceedings
England and Wales

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Dissolution of marriage¹											
Petitions filed ²	167 074	162 450	162 867	170 882	169 076	173 452	168 428	178 940	190 481	179 844	182 934
On grounds of:											
Adultery	43 100	43 260	44 090	47 920	47 250	48 010	47 130	50 720	53 330	51 730	52 780
Behaviour	62 580	56 330	60 850	64 880	66 940	72 320	69 850	73 340	81 220	81 590	85 410
Desertion	6 110	5 500	4 450	4 480	3 740	3 080	2 450	3 060	8 000	2 580	2 153
Separation (2 years and consent)	36 400	40 170	38 710	39 760	38 480	37 700	36 930	38 950	36 460	32 760	31 150
Separation (5 years)	14 590	14 960	12 960	12 510	11 690	11 390	11 320	10 780	10 210	10 200	10 420
Adultery and behaviour	2 920	1 450	1 220	890	720	710	580	1 890	970	750	760
Adultery and desertion	340	240	80	70	10	30	20	10	130	50	90
Behaviour and desertion	320	110	90	50	40	70	30	20	70	50	70
Other	720	440	410	320	210	140	120	170	100	140	120
By husbands	44 410	46 840	45 590	48 890	46 220	46 470	45 150	48 940	52 090	49 480	49 780
By wives	122 660	115 610	117 280	121 990	122 850	126 980	123 280	130 000	138 390	130 370	133 150
Decrees nisi granted	136 086	151 533	139 503	150 385	147 226	147 763	149 189	147 136	161 409	152 073	149 272
Decrees absolute granted	128 118	142 726	137 868	147 381	144 763	145 802	146 669	143 746	159 693	153 418	145 305
Nullity of marriage³											
Petitions filed ²	1 095	1 117	994	1 110	1 050	921	887	1 036	574	554	542
By husbands	450	430	380	550	430	400	320	480	220	240	250
By wives	650	680	610	560	620	520	570	560	360	310	290
Decrees nisi granted	1 003	959	810	929	894	803	819	871	589	461	444
Decrees absolute granted	935	941	838	920	950	896	810	755	607	485	303
Judicial separation											
Petitions filed ²	1 980	2 611	3 650	5 423	6 036	7 480	7 430	6 098	3 479	3 428	3 199
By husbands	140	240	322	480	600	840	880	1 190	350	480	360
By wives	1 840	2 370	3 330	4 940	5 430	6 640	6 550	4 910	3 130	2 950	2 840
Decrees granted	761	1 228	1 640	2 560	3 334	4 026	4 852	4 445	2 344	1 768	1 659

1 Excluding petitions in which divorce is asked for in alternative to nullity.

2 The breakdown of petitions filed is based on actual figures for The Principal Registry of the Family Division together with grossed up figures, based on a two month sample, from the county courts. Estimated figures have been rounded to tens.

3 Including cases in which dissolution is asked for in the alternative.

Source Lord Chancellor's Department

2.15

Divorce proceedings
Scotland, Northern Ireland

(continued)

Scotland											Number
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Divorce⁴											
Actions in which final judgment given	9 182	8 782	9 149	10 947	10 247	11 682	13 637	11 915	13 373	13 063	12 133
On grounds of ⁵ :											
Adultery	1 590	202	57	16	6	2	—	—	—	—	..
Desertion	464	36	10	4	—	—	—	—	—	—	..
Insanity	5	—	—	—	—	—	—	—	—	—	..
Cruelty	2 348	392	117	32	8	2	—	—	—	—	..
Sodomy	—	—	—	—	—	—	—	—	—	—	..
On grounds of ⁶ :											
Adultery	942	1 342	1 533	2 013	1 749	1 926	1 844	1 415	1 760	1 610	1 531
Desertion	438	403	243	311	242	252	207	142	120	129	79
Adultery and behaviour	3	1	—	2	1	4	7	7	15	16	5
Behaviour	1 782	3 010	3 638	4 456	4 382	5 096	4 900	4 351	5 020	4 620	4 180
2 years non-cohabitation	564	1 623	1 964	2 519	2 470	2 844	4 250	4 250	4 665	4 950	4 738
5 years non-cohabitation	1 046	1 773	1 587	1 594	1 389	1 556	2 428	1 741	1 791	1 729	1 591
At instances of: Husbands	2 398	2 377	2 372	2 805	2 584	2 833	3 847	3 198	3 401	3 389	3 333
Wives	6 784	6 405	6 778	8 142	7 663	8 849	9 790	8 708	9 970	9 665	8 800
Divorce granted	8 812	8 448	8 829	10 522	9 889	11 275	13 235	11 906	13 371	13 054	12 130
Separation											
Action in which final judgment given	1	—	1	—	—	—	—	—	—	—	..
Separation granted	—	—	1	—	—	—	—	—	—	—	..
Duration of marriages where divorce or separation granted											
Under 1 year	14	17	8	5	9	9	3	12	42	31	31
1—2 years	173	142	110	149	146	173	140	158	200	202	170
2—5 years	1 592	1 424	1 330	1 644	1 542	1 801	2 121	1 987	2 122	2 039	1 972
5—10 years	2 464	2 461	2 632	3 149	3 014	3 490	4 008	3 455	3 882	3 822	3 544
10—20 years	2 720	2 398	2 856	3 447	3 169	3 671	4 074	3 862	4 552	4 415	4 021
20 years and over	1 849	2 006	1 893	2 128	2 009	2 131	2 880	2 432	2 573	2 545	2 395
Actions⁷ in which there were:											
Children of marriage	5 923	4 946	5 399	6 622	6 099	7 079	6 863	6 418	7 331	6 910	6 144
No children	3 260	3 836	3 751	4 325	4 148	4 603	6 774	5 488	6 040	6 144	5 989

4 With effect from 1984 these statistics are being collected on the basis of divorces granted only and any difference in the number of divorces brought and granted relates to nullity of marriage.

5 Prior to the Divorce (Scotland) Act 1976.

6 The grounds given show the allegations made—divorce is granted on the grounds of irretreivable breakdown of marriage under the Divorce (Scotland) Act 1976.

7 Divorce and separation.

8 1987 figures not yet available.

Northern Ireland											Number
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Petitions filed											
Nullity of marriage	2	10	6	9	9	5	—	6	6	6	4
Divorce	632	714	872	1 620	1 645	1 734	1 577	1 749	1 986	1 630	1 834
Judicial separation	—	—	—	4	2	2	9	5	15	17	7

Sources Scottish Courts Administration; High Court of Justice (Northern Ireland)

2.16 Births
Annual averages or calendar years

Live births											Still-births	
By sex				By legitimacy			Rates				Thou- sands	Rate per 1 000 births (includ- ing still- births)
Thousands			Males born per 1 000 females	Thousands		Illegit- imate as percent- age of all live births	Total per 1 000 popula- tion ¹	Total per 1 000 women aged 15 – 44 ¹	TPFR ²			
Total	Males	Females		Legit- imate	Illegit- imate							
1 095	558	537	1 037	1 049	47	4.3	28.6	115.1	..	..	..	
1 037	528	508	1 039	989	47	4.5	24.6	99.4	..	..	..	
1 018	522	496	1 052	968	49	4.8	23.1	93.0	..	..	..	
750	383	367	1 046	713	36	4.8	16.3	66.5	..	..	..	
723	372	351	1 062	685	38	5.3	15.0	..	1.89	26	..	
803	413	390	1 061	763	40	5.0	16.0	73.7	2.21	18	..	
946	487	459	1 063	892	55	5.8	17.9	90.3	2.80	18	..	
880	453	427	1 064	808	72	8.2	15.8	82.5	2.36	12	13	
735	377	358	1 053	641	93	12.7	13.0	62.5	1.83	5	7	
920	473	447	1 059	845	75	8.1	16.7	86.4	2.52	12	13	
904	465	439	1 059	831	73	8.0	16.3	84.8	2.45	12	13	
902	464	438	1 059	827	74	8.2	16.1	84.4	2.41	12	13	
834	430	404	1 065	764	70	8.4	14.9	77.8	2.21	10	12	
780	402	377	1 067	714	66	8.4	13.9	72.2	2.05	9	12	
737	380	358	1 060	674	64	8.7	13.2	68.0	1.92	8	11	
698	359	338	1 062	635	63	9.0	12.5	64.0	1.81	7	11	
676	347	328	1 058	614	61	9.0	12.0	61.3	1.74	7	10	
657	338	319	1 060	594	63	9.6	11.7	58.9	1.69	6	9	
687	353	334	1 059	618	68	10.0	12.2	60.8	1.76	6	8	
735	378	356	1 061	656	78	10.6	13.1	64.1	1.86	6	8	
754	386	368	1 050	667	87	11.5	13.4	64.9	1.89	6	7	
731	375	356	1 054	640	91	12.5	13.0	62.2	1.81	5	7	
719	369	350	1 054	618	101	14.1	12.8	60.5	1.78	5	6	
721	370	351	1 055	610	111	15.4	12.8	60.2	1.77	4	6	
730	373	356	1 049	606	124	17.0	12.9	60.3	1.77	4	6	
751	385	366	1 053	609	142	18.9	13.3	61.4	1.80	4	6	
755	387	368	1 053	597	158	21.0	13.3	61.1	1.78	4	5	
776	398	378	1 054	598	178	22.9	13.6	62.3	1.82	4	5	
Great Britain												
1 064	542	522	1 038	1 019	45	4.2	28.7	115.7	..	..	..	
1 006	513	493	1 040	960	46	4.6	24.7	99.3	..	..	..	
987	506	482	1 050	939	48	4.9	23.1	92.6	..	..	..	
724	370	354	1 046	689	35	4.8	16.1	66.0	..	..	..	
696	357	338	1 056	659	37	5.3	14.9	62.1	1.86	26	36	
774	398	376	1 059	736	38	4.9	15.8	72.9	2.19	18	23	
914	470	443	1 061	860	54	5.9	17.8	89.8	2.78	18	19	
849	437	412	1 061	777	71	8.4	15.7	82.1	2.33	11	13	
707	363	344	1 053	616	91	12.9	12.9	61.8	1.80	5	7	
888	457	431	1 059	814	74	8.3	16.5	85.7	2.50	12	13	
872	448	423	1 059	800	71	8.2	16.2	84.2	2.42	12	13	
870	448	422	1 060	797	73	8.4	16.0	83.7	2.39	11	13	
804	414	390	1 063	735	69	8.6	14.8	77.1	2.19	10	12	
750	387	363	1 067	686	65	8.6	13.8	71.5	2.02	9	12	
710	365	345	1 060	647	63	8.9	13.1	67.3	1.90	8	11	
671	346	326	1 062	610	61	9.1	12.4	63.3	1.79	7	10	
649	334	315	1 059	589	60	9.2	11.9	60.6	1.71	6	10	
632	325	307	1 060	570	61	9.7	11.6	58.2	1.66	6	9	
661	340	321	1 061	594	67	10.1	12.1	60.1	1.73	6	8	
706	364	343	1 061	630	76	10.8	12.9	63.4	1.84	6	8	
725	371	354	1 050	640	85	11.7	13.2	64.2	1.87	5	7	
704	361	343	1 054	614	89	12.7	12.8	61.5	1.79	5	7	
692	355	337	1 055	593	99	14.3	12.6	59.9	1.76	4	6	
694	357	338	1 056	585	109	15.7	12.7	59.6	1.75	4	6	
702	359	343	1 048	581	121	17.3	12.8	59.6	1.75	4	6	
723	371	352	1 053	584	139	19.2	13.1	60.8	1.78	4	6	
727	373	354	1 053	572	155	21.3	13.2	60.4	1.77	4	5	
748	384	364	1 053	574	174	23.2	13.5	61.7	1.80	4	5	

1 Rates are based on a new series of population estimates which use a new definition and population base taking into account the 1981 Census results.
2 Total period fertility rate is the average number of children which would be born per woman if women experienced the age-specific fertility rates of the period in question throughout their child-bearing life span. UK figures for years 1970–72 and earlier are estimates.

3 Provisional.
Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.17

Live births by age of mother
England and Wales

	1976	1977	1978	1979	1980	1981 ¹	1982	1983	1984	1985	1986	1987
	Number											
Age of mother: all ages	584 270	569 259	596 418	638 028	656 234	634 492	625 931	629 134	636 818	656 417	661 018	681 511
Under 20	57 943	54 477	55 984	59 143	60 754	56 570	55 435	54 059	54 508	56 929	57 406	57 545
20–24	182 210	174 544	182 580	193 209	201 541	194 500	192 322	191 852	191 455	193 958	192 064	193 232
25–29	220 712	207 916	210 598	222 102	223 438	215 760	211 905	214 078	218 031	227 486	229 035	238 929
30–34	90 791	100 807	113 077	125 664	129 908	126 590	120 758	120 996	122 774	126 185	129 487	136 558
35–39	26 117	25 527	27 937	31 394	33 893	34 210	38 992	41 277	42 921	44 393	45 465	46 604
40–44	5 999	5 534	5 719	5 978	6 075	6 170	5 886	6 210	6 576	6 882	7 033	8 112
45 and over	498	454	523	538	625	690	633	662	553	584	528	531
	Rates per 1 000 women ²											
All ages	60.4	58.1	60.1	63.3	64.2	61.3	59.9	59.7	59.8	61.0	60.6	62.0
Under 20	32.2	29.4	29.4	30.3	30.4	28.1	27.4	26.9	27.6	29.5	30.1	30.9
20–24	109.3	103.7	106.9	111.3	112.7	105.3	101.6	98.5	95.5	94.5	92.7	93.4
25–29	118.7	117.5	122.6	131.2	133.6	129.1	126.4	126.4	126.2	127.6	124.0	125.0
30–34	57.2	58.6	63.1	69.0	70.5	68.6	69.1	71.5	73.6	76.4	78.1	81.3
35–39	18.6	18.2	19.5	21.3	22.3	21.7	22.8	23.1	23.6	24.1	24.6	26.5
40–44	4.4	4.1	4.2	4.3	4.3	4.4	4.2	4.4	4.5	4.6	4.5	4.8
45 and over	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4

1 Age-group figures based on ten per cent sample of live births.

2 Rates are based on a new series of population estimates which use a new definition and population base taking into account the 1981 Census results.

The rates for women of all ages, under 20 and 45 and over, are based upon the populations of women 15–44, 15–19 and 45–49 respectively.

Source Office of Population Censuses and Surveys

2.18

Live births by age of mother
Scotland

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	Number											
Age of mother: all ages	64 895	62 342	64 295	68 366	68 892	69 054	66 196	65 078	65 106	66 676	65 812	66 241
15–19 ¹	7 514	6 978	7 084	7 152	7 226	6 871	6 886	6 341	6 242	6 518	6 381	6 389
20–24	21 340	20 559	21 006	21 977	22 565	23 020	21 837	21 296	20 699	20 778	19 824	19 508
25–29	23 293	21 566	21 992	23 610	23 201	23 140	22 115	22 086	22 784	23 477	23 323	23 480
30–34	9 024	9 697	10 697	11 745	12 111	12 118	11 324	11 204	11 211	11 583	11 995	12 576
35–39	2 897	2 702	2 759	3 139	3 104	3 234	3 405	3 529	3 512	3 687	3 649	3 638
40–44	656	630	532	584	556	554	550	529	543	511	519	541
45 and over	32	41	25	30	27	27	26	22	24	24	26	20
Age not stated	139	169	200	129	102	90	53	71	91	98	95	89
	Rates per 1 000 women											
15–44	62.32	59.42	60.54	63.79	63.64	63.75	59.69	58.85	58.38	59.39	58.54	58.70
15–19	35.61	32.51	32.62	32.55	32.52	30.81	30.30	28.72	28.73	30.79	30.79	31.64
20–24	114.69	108.38	108.96	111.95	112.65	115.10	103.44	100.93	96.05	95.10	91.32	90.41
25–29	124.39	119.45	123.78	133.18	130.54	133.17	122.42	121.15	122.03	123.09	119.88	118.75
30–34	57.95	58.09	62.08	66.81	67.30	66.49	64.74	65.44	65.84	67.90	69.87	71.83
35–39	19.37	18.16	18.44	20.78	20.49	21.00	20.60	20.64	20.11	20.67	20.25	21.13
40–44	4.39	4.24	3.58	3.92	3.73	3.69	3.71	3.54	3.60	3.38	3.38	3.30
45–49	0.21	0.27	0.16	0.20	0.18	0.60	0.18	0.15	0.16	0.16	0.18	0.14

1 Includes births to mothers aged less than 15.

Source General Register Office (Scotland)

2.19 Deaths: analysis by age and sex
Annual averages or calendar years
United Kingdom

	Number													
	All ages ¹	Under 1 year	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 34	35 – 44	45 – 54	55 – 64	65 – 74	75 – 84	85 and over
Males														
1900 – 02	340 664	87 242	37 834	8 429	4 696	7 047	8 766	19 154	24 739	30 488	37 610	39 765	28 320	6 563
1910 – 12	303 703	63 885	29 452	7 091	4 095	5 873	6 817	16 141	21 813	28 981	37 721	45 140	29 397	7 283
1920 – 22	284 876	48 044	19 008	6 052	3 953	5 906	6 572	13 663	19 702	29 256	40 583	49 398	34 937	7 801
1930 – 32	284 249	28 840	11 276	4 580	2 890	5 076	6 495	12 327	16 326	29 376	47 989	63 804	45 247	10 022
1940 – 42	314 643	24 624	6 949	3 400	2 474	4 653	4 246	11 506	17 296	30 082	57 076	79 652	59 733	12 900
1950 – 52	307 312	14 105	2 585	1 317	919	1 498	2 289	5 862	11 074	27 637	53 691	86 435	79 768	20 131
1960 – 62	318 850	12 234	1 733	971	871	1 718	1 857	3 842	8 753	26 422	63 009	87 542	83 291	26 605
1970 – 72	335 166	9 158	1 485	1 019	802	1 778	2 104	3 590	7 733	24 608	64 898	105 058	82 905	30 027
1980 – 82	330 495	4 829	774	527	652	1 999	1 943	3 736	6 568	19 728	54 159	105 155	98 488	31 936
1969	337 800	9 894	1 713	998	800	1 808	1 999	3 595	8 116	25 167	68 265	104 219	82 325	28 901
1970	334 355	9 713	1 556	978	773	1 752	2 131	3 585	7 836	24 399	66 657	103 589	81 996	29 390
1971	328 537	9 366	1 439	1 055	834	1 802	2 091	3 524	7 735	24 242	63 657	102 139	81 183	29 470
1972	342 605	8 393	1 460	1 024	801	1 779	2 092	3 661	7 629	25 184	64 379	109 448	85 535	31 220
1973	338 788	7 783	1 438	978	790	1 819	2 213	3 953	7 530	25 434	61 970	108 871	85 172	30 837
1974	337 263	7 180	1 307	858	775	1 895	1 968	3 820	7 448	25 864	59 703	110 718	84 491	31 236
1975	335 006	6 392	1 139	829	842	1 871	2 018	3 845	7 006	24 630	58 581	110 126	86 653	31 074
1976	341 910	5 706	1 036	798	769	1 978	1 994	3 867	6 976	23 663	59 703	112 234	90 710	32 476
1977	329 924	5 350	918	744	702	1 892	1 947	3 864	6 752	22 787	57 214	108 677	88 569	30 508
1978	336 395	5 220	866	726	729	2 067	2 055	3 944	6 912	22 439	57 381	110 384	92 574	31 098
1979	339 568	5 447	748	708	707	2 042	1 969	4 012	6 868	21 828	56 944	110 172	96 026	32 097
1980	332 370	5 174	792	609	659	2 022	1 940	3 786	6 698	20 577	55 176	107 089	96 301	31 547
1981	329 145	4 759	771	517	666	2 008	1 919	3 761	6 544	19 740	53 770	104 950	97 881	31 859
1982	329 971	4 555	760	456	632	1 966	1 971	3 661	6 462	18 867	53 531	103 426	101 281	32 403
1983	328 824	4 230	695	469	609	1 834	1 899	3 601	6 537	18 238	54 493	100 469	103 038	32 712
1984	321 095	3 995	725	423	580	1 708	1 999	3 595	6 425	17 647	53 715	95 420	102 513	32 350
1985	331 562	4 003	728	393	583	1 612	2 031	3 452	6 728	17 316	52 502	97 458	109 241	35 515
1986	327 160	4 219	653	384	444	1 676	2 067	3 668	6 712	16 814	50 352	95 987	108 123	36 061
1987 ²	318 282	4 105	657	377	470	1 612	2 125	3 776	6 793	15 950	47 675	93 348	105 773	35 621
Females														
1900 – 02	322 058	68 770	36 164	8 757	5 034	6 818	8 264	18 702	21 887	25 679	34 521	42 456	34 907	10 099
1910 – 12	289 608	49 865	27 817	7 113	4 355	5 683	6 531	15 676	19 647	24 481	32 813	46 453	37 353	11 828
1920 – 22	274 772	35 356	17 323	5 808	4 133	5 729	6 753	14 878	18 121	24 347	34 026	48 573	45 521	14 203
1930 – 32	275 336	21 072	9 995	3 990	2 734	4 721	5 931	12 699	15 373	24 695	39 471	59 520	56 250	18 886
1940 – 42	296 646	17 936	5 952	2 743	2 068	4 180	5 028	11 261	14 255	23 629	42 651	70 907	71 377	24 658
1950 – 52	291 597	10 293	2 098	880	625	1 115	1 717	5 018	8 989	18 875	37 075	75 220	92 848	36 844
1960 – 62	304 871	8 887	1 334	627	522	684	811	2 504	6 513	16 720	36 078	73 118	105 956	51 117
1970 – 72	322 968	6 666	1 183	654	459	718	900	2 110	5 345	15 594	36 177	75 599	109 539	68 024
1980 – 82 ²	330 269	3 561	585	355	425	733	772	2 099	4 360	12 206	32 052	72 618	117 760	82 743
1969	321 737	7 189	1 280	579	423	714	918	2 125	5 874	15 824	37 725	77 206	108 385	63 495
1970	321 030	7 002	1 181	648	467	662	957	2 118	5 501	15 527	36 652	76 033	108 485	65 798
1971	316 541	6 798	1 129	649	493	721	866	2 105	5 267	15 358	35 621	73 502	107 056	66 976
1972	331 333	6 198	1 238	665	416	770	878	2 107	5 267	15 897	36 260	77 261	113 076	71 300
1973	330 904	5 646	1 060	610	455	803	847	2 166	5 145	15 822	34 733	77 067	113 393	73 157
1974	330 096	5 172	981	581	503	736	805	2 070	5 038	15 972	34 342	76 929	112 492	74 475
1975	327 471	4 798	860	540	405	751	813	2 211	4 897	15 054	33 904	75 459	112 838	74 941
1976	338 889	4 070	735	516	484	724	786	2 264	4 737	14 912	34 468	76 950	118 246	79 997
1977	325 219	3 933	720	431	450	750	839	2 148	4 583	13 905	33 395	74 573	113 872	75 620
1978	330 782	3 908	715	480	497	818	823	2 343	4 719	13 914	33 353	75 433	115 730	78 049
1979	336 009	4 026	617	428	462	701	738	2 244	4 544	13 667	33 274	75 610	118 859	80 839
1980	329 149	3 938	596	409	442	771	811	2 157	4 460	12 583	32 349	73 672	116 461	80 500
1981	328 829	3 402	599	352	424	738	737	2 083	4 309	12 275	31 625	72 476	117 458	82 351
1982	332 830	3 342	561	304	410	689	767	2 057	4 312	11 759	32 183	71 705	119 362	85 379
1983	330 277	3 126	568	318	374	719	698	1 914	4 318	11 384	32 197	69 266	118 940	86 455
1984	323 823	3 005	537	304	344	665	722	1 932	4 269	10 947	32 262	66 432	116 649	85 756
1985	339 094	3 027	574	314	355	626	729	1 852	4 397	10 581	32 010	68 505	122 445	93 679
1986	333 575	2 961	561	275	307	635	769	1 882	4 387	10 211	29 954	67 313	120 663	93 657
1987 ²	326 060	2 972	550	265	288	614	733	1 974	4 454	10 177	29 037	65 570	117 266	92 160

1 In some years the totals include a small number of persons whose age was not stated.

2 Provisional.
Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.19

(continued)

Deaths: analysis by age and sex
England and Wales
Annual averages or calendar years

															Number
	All ages ¹	Under 1 year	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 34	35 – 44	45 – 54	55 – 64	65 – 74	75 – 84	85 and over	
Males															
1900 – 02	288 886	76 095	32 051	7 066	3 818	5 611	7 028	15 869	21 135	26 065	31 600	33 568	23 835	5 144	
1910 – 12	257 253	54 678	24 676	5 907	3 348	4 765	5 596	13 603	18 665	24 820	32 217	38 016	24 928	6 036	
1920 – 22	240 605	39 796	15 565	5 151	3 314	4 901	5 447	11 551	17 004	25 073	34 639	42 025	29 685	6 455	
1930 – 32	243 147	23 331	9 099	3 844	2 435	4 354	5 580	10 600	14 041	25 657	41 581	54 910	39 091	8 624	
1940 – 42	268 876	19 393	5 616	2 834	2 051	3 832	3 156	9 484	14 744	25 983	50 058	68 791	51 779	11 158	
1950 – 52	266 879	11 498	2 131	1 087	778	1 248	1 947	4 990	9 489	23 815	46 948	75 774	69 496	17 677	
1960 – 62	278 369	10 157	1 444	812	742	1 523	1 624	3 278	7 524	22 813	54 908	77 000	73 180	23 364	
1970 – 72	293 934	7 818	1 259	860	677	1 524	1 788	3 079	6 637	21 348	56 667	92 389	73 365	26 522	
1980 – 82	290 352	4 168	657	452	555	1 716	1 619	3 169	5 590	16 909	47 144	92 485	87 338	28 551	
1969	296 561	8 331	1 484	839	662	1 574	1 727	3 083	6 952	21 937	59 763	91 925	72 822	25 462	
1970	293 053	8 269	1 315	816	649	1 551	1 836	3 089	6 717	21 162	58 099	91 037	72 625	25 888	
1971	288 359	7 974	1 228	916	690	1 538	1 771	3 046	6 683	21 046	55 699	89 802	71 907	26 059	
1972	300 389	7 210	1 235	847	693	1 482	1 757	3 103	6 511	21 837	56 202	96 329	75 564	27 619	
1973	296 546	6 599	1 203	817	677	1 510	1 836	3 336	6 455	21 923	53 976	95 605	75 300	27 309	
1974	295 315	6 137	1 095	720	649	1 582	1 666	3 241	6 222	22 388	51 883	97 331	74 770	27 631	
1975	294 174	5 430	983	677	692	1 584	1 697	3 229	5 935	21 337	51 088	96 934	76 879	27 709	
1976	300 058	4 879	876	676	639	1 660	1 663	3 245	5 928	20 449	52 048	98 654	80 348	28 993	
1977	289 773	4 519	769	635	598	1 620	1 599	3 270	5 695	19 600	49 855	95 873	78 528	27 212	
1978	295 505	4 513	739	628	619	1 776	1 761	3 325	5 849	19 307	49 976	97 194	82 067	27 751	
1979	297 862	4 731	641	602	605	1 727	1 649	3 426	5 822	18 607	49 586	96 764	85 091	28 611	
1980	291 869	4 471	668	517	546	1 745	1 613	3 203	5 710	17 693	48 053	94 188	85 300	28 162	
1981	289 022	4 119	651	447	573	1 734	1 576	3 181	5 535	16 889	46 858	92 189	86 774	28 496	
1982	290 166	3 914	652	391	546	1 669	1 668	3 122	5 526	16 144	46 521	91 079	89 940	28 994	
1983	289 419	3 654	604	391	514	1 580	1 635	3 071	5 581	15 632	47 315	88 622	91 531	29 289	
1984	282 357	3 443	610	348	501	1 484	1 728	3 033	5 512	15 113	46 904	83 728	90 983	28 970	
1985	292 327	3 510	638	328	503	1 374	1 738	2 953	5 776	14 838	45 704	85 695	97 362	31 908	
1986	287 894	3 724	573	325	380	1 429	1 746	3 104	5 767	14 370	43 637	84 437	96 201	32 201	
1987	280 177	3 637	578	309	404	1 389	1 811	3 218	5 823	13 678	41 367	82 021	94 060	31 882	
Females															
1900 – 02	269 432	60 090	30 674	7 278	4 010	5 265	6 497	15 065	18 253	21 474	28 424	35 307	29 118	7 977	
1910 – 12	242 079	42 642	23 335	5 883	3 519	4 522	5 256	12 742	16 363	20 611	27 571	38 489	31 363	9 782	
1920 – 22	229 908	29 178	14 174	4 928	3 456	4 719	5 533	12 244	15 142	20 580	28 633	41 010	38 439	11 871	
1930 – 32	233 915	16 929	8 013	3 338	2 293	3 969	5 039	10 716	13 022	21 190	33 798	50 844	48 531	16 234	
1940 – 42	253 702	14 174	4 726	2 265	1 695	3 426	4 198	9 470	12 093	20 413	36 814	60 987	61 891	21 550	
1950 – 52	252 176	8 367	1 727	732	520	893	1 365	4 131	7 586	16 161	31 875	65 087	81 154	32 579	
1960 – 62	266 849	7 409	1 103	527	444	591	700	2 147	5 576	14 389	31 083	63 543	93 548	45 789	
1970 – 72	284 181	5 677	1 020	562	396	620	806	1 814	4 585	13 417	31 222	65 817	96 952	61 293	
1980 – 82	290 026	3 064	511	301	365	635	670	1 821	3 740	10 420	27 606	63 023	103 676	74 194	
1969	282 817	6 060	1 075	498	352	634	810	1 856	5 065	13 602	32 596	67 219	96 021	57 029	
1970	282 141	5 998	1 011	538	401	570	849	1 802	4 715	13 292	31 577	66 219	95 917	59 252	
1971	278 903	5 746	976	568	419	631	787	1 836	4 528	13 274	30 760	64 017	94 958	60 403	
1972	291 500	5 288	1 073	579	367	658	783	1 804	4 512	13 686	31 330	67 215	99 980	64 225	
1973	290 932	4 808	896	510	393	681	740	1 876	4 362	13 611	29 872	67 137	100 293	65 753	
1974	289 977	4 322	827	505	442	630	688	1 785	4 291	13 828	29 471	66 992	99 398	66 798	
1975	288 667	4 058	716	463	354	632	711	1 921	4 180	13 053	29 192	65 822	100 000	67 565	
1976	298 458	3 455	593	451	417	623	671	1 939	4 041	12 806	29 605	67 107	104 673	72 077	
1977	286 155	3 322	614	373	394	616	702	1 870	3 883	11 929	28 828	64 903	100 536	68 185	
1978	290 396	3 368	607	417	421	691	710	2 042	4 004	11 911	28 607	65 411	102 058	70 149	
1979	295 157	3 447	527	368	386	622	635	1 938	3 868	11 671	28 624	65 646	104 807	72 618	
1980	289 516	3 428	518	349	373	667	696	1 861	3 771	10 757	27 857	64 087	102 728	72 424	
1981	288 868	2 902	529	302	368	650	642	1 821	3 742	10 513	27 211	62 762	103 554	73 872	
1982	291 695	2 861	485	253	353	588	672	1 781	3 708	9 990	27 751	62 221	104 745	76 287	
1983	290 189	2 727	489	269	332	629	597	1 655	3 708	9 786	27 792	59 913	104 844	77 448	
1984	284 524	2 594	454	260	302	575	621	1 676	3 658	9 343	27 764	57 813	102 744	76 720	
1985	298 407	2 631	497	260	308	544	630	1 583	3 803	9 111	27 664	59 285	108 099	83 992	
1986	293 309	2 589	491	248	272	562	674	1 646	3 834	8 761	25 785	58 360	106,463	83,624	
1987	286 817	2 635	489	237	246	525	639	1 708	3 897	8 774	25 000	56 858	103 354	82 455	

1 In some years the totals include a small number of persons whose age was not stated.

2.19

Deaths: analysis by age and sex

Scotland

(continued)

Annual averages or calendar years

														Number
	All ages ¹	Under 1 year	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over
Males														
1900-02	40 224	9 189	4 798	1 083	672	1 069	1 292	2 506	2 935	3 591	4 597	4 531	3 117	834
1910-12	35 981	7 510	3 935	962	595	826	910	1 969	2 469	3 325	4 356	5 113	3 182	813
1920-22	34 649	6 757	2 847	710	489	747	791	1 616	2 128	3 314	4 785	5 624	3 928	911
1930-32	32 476	4 426	1 771	610	365	568	706	1 352	1 848	2 979	5 095	6 906	4 839	1 010
1940-42	36 384	3 973	1 011	449	321	668	888	1 643	2 090	3 348	5 728	8 556	6 317	1 337
1950-52	32 236	1 949	349	175	105	200	265	693	1 267	3 151	5 574	8 544	8 094	1 871
1960-62	32 401	1 578	222	121	102	146	185	456	1 013	2 986	6 682	8 505	7 980	2 425
1970-72	32 446	944	168	119	93	178	233	396	875	2 617	6 641	10 176	7 383	2 624
1980-82	31 723	451	80	56	71	206	233	423	776	2 280	5 601	10 152	8 804	2 591
1969	32 631	1 099	174	121	109	184	216	401	936	2 564	6 946	9 851	7 381	2 649
1970	32 538	1 010	186	125	90	161	232	403	891	2 604	6 923	9 987	7 266	2 660
1971	31 585	988	155	100	114	197	242	371	832	2 588	6 427	9 945	7 134	2 492
1972	33 215	833	162	133	76	176	226	413	902	2 658	6 573	10 596	7 748	2 719
1973	32 954	841	171	117	76	175	225	381	839	2 789	6 435	10 693	7 603	2 609
1974	32 722	748	148	97	83	202	183	403	953	2 739	6 205	10 757	7 505	2 699
1975	32 168	669	113	112	104	195	216	411	838	2 634	5 994	10 727	7 617	2 538
1976	32 983	568	110	84	97	204	212	448	811	2 621	6 109	10 926	8 146	2 647
1977	31 280	585	103	81	75	181	236	432	817	2 494	5 835	10 173	7 802	2 466
1978	32 432	479	87	63	78	211	210	479	854	2 508	5 888	10 734	8 299	2 542
1979	32 884	490	79	79	71	219	215	442	805	2 599	5 851	10 804	8 543	2 687
1980	31 669	481	93	65	78	190	223	421	778	2 316	5 628	10 248	8 571	2 577
1981	31 700	435	71	50	66	208	250	439	816	2 330	5 506	10 193	8 788	2 548
1982	31 801	436	77	53	69	220	225	410	733	2 195	5 669	10 015	9 052	2 647
1983	31 196	380	67	53	65	185	178	406	764	2 131	5 769	9 414	9 204	2 580
1984	30 731	389	87	53	65	172	202	429	696	2 017	5 493	9 337	9 222	2 569
1985	31 147	342	57	49	58	174	208	390	759	1 959	5 486	9 339	9 569	2 757
1986	31 111	334	66	44	49	177	238	436	757	1 967	5 354	9 169	9 574	2 946
1987	30 384	331	54	46	47	163	212	415	779	1 870	5 131	9 058	9 383	2 895
Females														
1900-02	39 891	7 143	4 477	1 162	747	1 058	1 246	2 625	2 732	3 130	4 485	5 273	4 305	1 508
1910-12	36 132	5 854	3 674	981	618	836	910	2 149	2 473	2 909	3 960	5 636	4 588	1 552
1920-22	34 449	5 029	2 602	687	489	711	889	1 947	2 266	2 828	4 157	5 587	5 443	1 814
1930-32	32 377	3 319	1 602	527	339	568	666	1 508	1 812	2 731	4 380	6 630	6 178	2 117
1940-42	33 715	2 852	921	373	283	595	656	1 382	1 672	2 528	4 630	7 674	7 613	2 536
1950-52	31 525	1 432	284	115	84	185	293	714	1 127	2 188	4 204	8 157	9 310	3 431
1960-62	30 559	1 107	170	80	63	72	87	287	762	1 897	4 115	7 752	9 991	4 177
1970-72	30 978	694	118	69	46	73	74	231	608	1 769	4 036	7 823	10 112	5 324
1980-82	32 326	337	49	37	44	74	73	213	493	1 456	3 565	7 781	11 333	6 871
1969	31 190	803	156	56	58	66	85	212	647	1 817	4 168	8 014	10 003	5 105
1970	31 102	704	129	82	50	77	92	244	632	1 804	4 108	7 814	10 158	5 209
1971	30 029	734	107	64	60	64	62	214	590	1 720	4 000	7 603	9 686	5 125
1972	31 802	644	117	62	29	79	67	234	602	1 783	4 001	8 052	10 493	5 639
1973	31 591	571	105	77	46	91	80	224	604	1 796	3 890	7 930	10 355	5 822
1974	32 018	578	109	59	48	73	90	217	613	1 741	3 979	8 037	10 440	6 034
1975	30 957	499	104	56	33	84	77	228	580	1 625	3 792	7 750	10 250	5 879
1976	32 270	391	86	48	49	69	88	235	567	1 708	3 916	7 961	10 795	6 357
1977	31 014	419	73	45	41	97	100	214	557	1 578	3 671	7 761	10 628	5 830
1978	32 691	351	73	37	61	93	86	236	598	1 651	3 871	8 208	11 028	6 398
1979	32 863	388	69	37	58	59	81	247	551	1 635	3 776	8 045	11 309	6 608
1980	31 630	350	51	41	44	77	90	222	547	1 511	3 587	7 673	10 988	6 449
1981	32 128	345	46	35	43	68	69	213	453	1 414	3 556	7 935	11 144	6 807
1982	33 221	317	50	35	45	78	60	203	479	1 444	3 552	7 735	11 867	7 356
1983	32 258	266	51	33	33	67	76	201	504	1 317	3 568	7 558	11 340	7 244
1984	31 614	283	62	32	37	72	78	205	475	1 320	3 703	6 979	11 134	7 234
1985	32 820	282	55	37	34	63	76	207	481	1 179	3 563	7 449	11 604	7 790
1986	32 356	247	50	16	24	50	77	188	441	1 181	3 372	7 251	11 476	7 983
1987	31 630	232	44	21	34	60	70	195	429	1 160	3 301	7 032	11 262	7 790

1 In some years the totals include a small number of persons whose age was not stated.

Source General Register Office (Scotland)

2.19

Deaths: analysis by age and sex

Northern Ireland

(continued) Annual averages or calendar years

	All ages ¹	Under 1 year	1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 34	35 – 44	45 – 54	55 – 64	65 – 74	75 – 84	85 and over
Males														
1900 – 02	11 554	1 958	985	280	206	367	446	779	669	832	1 413	1 666	1 368	585
1910 – 12	10 469	1 697	841	222	152	282	311	569	679	836	1 148	2 011	1 287	434
1920 – 22	9 622	1 491	596	191	150	258	334	496	570	869	1 159	1 749	1 324	435
1930 – 32	8 626	1 083	406	126	90	154	209	375	437	740	1 313	1 988	1 317	388
1940 – 42	9 383	1 258	322	117	102	153	202	379	462	751	1 290	2 305	1 637	405
1950 – 52	8 197	658	105	55	36	50	77	179	318	671	1 169	2 117	2 178	583
1960 – 62	8 080	499	67	38	27	49	48	108	216	623	1 419	2 037	2 131	816
1970 – 72	8 786	396	58	40	32	76	83	115	221	643	1 590	2 493	2 157	881
1980 – 82	8 420	211	37	20	26	77	92	144	202	539	1 414	2 518	2 346	795
1969	8 608	464	55	38	29	50	56	111	228	666	1 556	2 443	2 122	790
1970	8 764	434	55	37	34	40	63	93	228	633	1 635	2 565	2 105	842
1971	8 593	404	56	39	30	67	78	107	220	608	1 531	2 392	2 142	919
1972	9 001	350	63	44	32	121	109	145	216	689	1 604	2 523	2 223	882
1973	9 288	343	64	44	37	134	152	236	236	722	1 559	2 573	2 269	919
1974	9 226	295	64	41	43	111	119	176	273	737	1 615	2 630	2 216	906
1975	8 664	293	43	40	46	92	105	205	233	659	1 499	2 465	2 157	827
1976	8 869	259	50	38	33	114	119	174	237	593	1 546	2 654	2 216	836
1977	8 871	246	46	28	29	91	112	162	240	693	1 524	2 631	2 239	830
1978	8 458	228	40	35	32	80	84	140	209	624	1 517	2 456	2 208	805
1979	8 822	226	28	27	31	96	105	144	241	622	1 507	2 604	2 392	799
1980	8 832	222	31	27	35	87	104	162	210	568	1 495	2 653	2 430	808
1981	8 423	205	49	20	27	66	93	141	193	521	1 406	2 568	2 319	815
1982	8 004	205	31	12	17	77	78	129	203	528	1 341	2 332	2 289	762
1983	8 209	196	24	25	30	69	86	124	192	475	1 409	2 433	2 303	843
1984	8 007	163	28	22	14	52	69	133	217	517	1 318	2 355	2 308	811
1985	8 088	151	33	16	22	64	85	109	193	519	1 312	2 424	2 310	850
1986	8 155	161	14	15	15	70	83	128	188	477	1 361	2 381	2 348	914
1987 ²	7 721	137	25	22	19	60	102	143	191	402	1 177	2 269	2 330	844
Females														
1900 – 02	12 735	1 537	1 013	317	277	495	521	1 012	902	1 075	1 612	1 876	1 484	614
1910 – 12	11 397	1 369	808	249	218	325	365	785	811	961	1 282	2 328	1 402	494
1920 – 22	10 415	1 149	547	193	188	299	331	687	713	939	1 236	1 976	1 639	518
1930 – 32	9 044	824	380	125	102	184	226	475	539	774	1 293	2 046	1 541	535
1940 – 42	9 229	910	305	105	90	159	174	409	490	688	1 207	2 246	1 873	572
1950 – 52	7 896	494	87	33	21	37	59	173	276	526	996	1 976	2 384	834
1960 – 62	7 463	371	61	20	15	21	24	70	175	434	880	1 823	2 417	1 151
1970 – 72	7 809	295	45	23	17	25	20	65	152	408	919	1 959	2 475	1 407
1980 – 82	7 917	160	26	17	17	23	29	65	127	329	881	1 813	2 752	1 678
1969	7 730	326	49	25	13	14	23	57	162	405	961	1 973	2 361	1 361
1970	7 787	300	41	28	16	15	16	72	154	431	967	2 000	2 410	1 337
1971	7 609	318	46	17	14	26	17	55	149	364	861	1 882	2 412	1 448
1972	8 031	266	48	24	20	33	28	69	153	428	929	1 994	2 603	1 436
1973	8 381	267	59	23	16	31	27	66	179	415	971	2 000	2 745	1 582
1974	8 101	272	45	17	13	33	27	68	134	403	892	1 900	2 654	1 643
1975	7 847	241	40	21	18	35	25	62	137	376	920	1 887	2 588	1 497
1976	8 161	224	56	17	18	32	27	90	129	398	947	1 882	2 778	1 563
1977	8 050	192	33	13	15	37	37	64	143	398	896	1 909	2 708	1 605
1978	7 695	189	35	26	15	34	27	65	117	352	875	1 814	2 644	1 502
1979	7 989	191	21	23	18	20	22	59	125	361	874	1 919	2 743	1 613
1980	8 003	160	27	19	25	27	25	74	142	315	905	1 912	2 745	1 627
1981	7 833	155	24	15	13	20	26	49	114	348	858	1 779	2 760	1 672
1982	7 914	164	26	16	12	23	35	73	125	325	880	1 749	2 750	1 736
1983	7 830	133	28	16	9	23	25	58	106	281	837	1 795	2 756	1 763
1984	7 685	128	21	12	5	18	23	51	136	284	795	1 640	2 770	1 802
1985	7 867	114	22	17	13	19	23	62	113	291	783	1 771	2 742	1 897
1986	7 910	125	20	11	11	23	18	48	112	269	797	1 702	2 724	2 050
1987 ²	7 613	105	17	7	8	29	24	71	128	243	736	1 680	2 650	1 915

1 In some years the totals include a small number of persons whose age was not stated.

2 Provisional.

Source General Register Office (Northern Ireland)

2.20

Deaths analysed by cause

England and Wales

International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision 1979

		Number						
	Code numbers	1981	1982	1983	1984 ¹	1985	1986 ²	1987
Total deaths		577 890	581 861	579 608	566 881	590 734	581 203	563 546
Deaths from natural causes³		558 102	562 251	560 599	548 046	571 725	562 449	545 723
Infectious and parasitic diseases	001-139	2 102	2 116	2 043	2 295	2 381	2 470	2 375
Cholera	001	—	—	1	—	1	—	—
Typhoid fever	002.0	2	3	1	—	—	—	2
Shigellosis and amoebiasis	004, 006	8	4	7	3	2	4	4
Enteritis and other diarrhoeal diseases	008-009	149	134	119	135	124	128	101
Tuberculosis of respiratory system	010-012	432	454	375	376	408	376	329
Other tuberculosis, including late effects	013-018, 137	332	296	324	377	366	357	296
Diphtheria	032	—	1	—	—	—	—	—
Whooping cough	033	5	14	5	1	4	3	5
Streptococcal sore throat and scarlatina	034	4	3	2	3	1	1	5
Meningococcal infection	036	85	70	70	79	97	141	155
Acute poliomyelitis	045	—	—	—	—	—	1	—
Smallpox	050	—	—	—	—	—	—	—
Measles	055	15	13	16	10	11	10	6
Louse-borne typhus and other rickettsioses	080-083	—	—	1	2	2	—	2
Malaria	084	2	10	7	4	5	3	7
Syphilis	090-097	55	46	47	68	40	38	35
Neoplasms	140-239	131 691	132 448	134 270	140 101	141 618	140 801	142 451
Malignant neoplasm of stomach	151	10 652	10 211	10 502	10 360	9 971	9 714	9 509
Malignant neoplasm of trachea, bronchus and lung	162	34 727	34 832	35 572	35 739	35 792	35 257	35 138
Malignant neoplasm of breast	174-175	12 597	12 492	12 759	13 409	13 592	13 746	13 840
Malignant neoplasm of uterus	179-182	3 537	3 512	3 464	3 381	3 494	3 466	3 377
Leukaemia	204-208	3 349	3 462	3 481	3 572	3 696	3 572	3 650
Benign and unspecified neoplasms	210-229, 239	1 240	1 532	956	1 358	1 346	1 311	1 283
Endocrine, nutritional and metabolic diseases and immunity disorders	240-279	6 195	5 963	6 153	8 499	9 798	10 158	9 810
Diabetes mellitus	250	4 626	4 534	4 516	6 369	7 452	7 912	7 637
Nutritional deficiencies	260-269	124	91	107	104	130	123	74
Diseases of blood and blood-forming organs	280-289	1 588	1 588	1 512	2 100	2 422	2 366	2 323
Anaemias	280-285	1 134	1 035	949	1 363	1 522	1 409	1 329
Mental disorders	290-319	3 441	3 757	4 142	10 744	12 011	12 410	12 437
Diseases of nervous system and sense organs	320-389	6 975	7 558	7 624	10 483	11 414	11 182	10 953
Meningitis	320-322	266	286	281	246	306	271	260
Diseases of the circulatory system	390-459	286 258	284 246	282 815	278 849	287 054	278 749	271 061
Acute rheumatic fever	390-392	2	4	1	2	6	3	8
Chronic rheumatic heart disease	393-398	3 120	2 904	2 884	2 931	2 889	2 616	2 415
Hypertensive disease	401-405	5 413	5 160	4 725	4 644	4 581	4 173	3 760
Ischaemic heart disease	410-414	155 196	154 605	156 550	157 506	163 104	158 667	155 235
Diseases of pulmonary circulation and other forms of heart disease	415-429	32 751	32 259	30 529	22 425	22 835	21 930	21 112
Cerebrovascular disease	430-438	69 651	69 028	67 785	71 470	73 219	71 454	69 450
Diseases of the respiratory system	460-519	83 507	88 111	86 633	56 828	64 607	63 052	57 075
Influenza	487	626	716	796	346	662	587	190
Pneumonia	480-486	54 057	56 529	55 513	24 687	27 931	27 624	24 603
Bronchitis, emphysema	490-492	17 530	17 297	15 410	14 009	14 255	12 119	9 821
Asthma	493	1 603	1 577	1 645	1 764	1 972	1 990	1 898
Diseases of the digestive system	520-579	16 447	16 456	15 838	16 980	18 148	17 974	17 669
Ulcer of stomach and duodenum	531-533	4 457	4 608	4 259	4 483	4 861	4 528	4 307
Appendicitis	540-543	164	155	136	147	147	137	115
Hernia of abdominal cavity and other intestinal obstruction	550-553, 560	1 959	1 908	1 861	1 947	2 001	2 013	1 900
Chronic liver disease and cirrhosis	571	2 212	2 152	2 184	2 280	2 582	2 527	2 709
Diseases of the genito-urinary system	580-629	7 970	8 132	7 830	7 731	8 012	7 926	7 696
Nephritis, nephrotic syndrome and nephrosis	580-589	4 766	4 950	4 742	4 391	4 640	4 556	4 488
Hyperplasia of prostate	600	749	694	621	689	668	585	530
Complications of pregnancy, childbirth, etc.	630-676	57	42	54	52	46	45	46
Abortion	630-639	10	6	8	6	9	3	5
Diseases of the skin and subcutaneous tissue	680-709	516	493	505	601	670	743	734
Diseases of the musculo-skeletal system	710-739	3 112	3 224	3 241	4 943	5 452	5 448	5 192
Congenital anomalies	740-759	3 039	3 037	2 944	3 017	2 909	1 871	1 794
Certain conditions originating in the perinatal period	760-779	2 659	2 464	2 422	2 289	2 293	225	198
Birth trauma, hypoxia, birth asphyxia and other respiratory conditions	767-770	1 445	1 336	1 268	1 243	1 293	85	78
Signs, symptoms and ill-defined conditions	780-799	2 545	2 616	2 573	2 534	2 890	3 540	3 909
Deaths from accidents and violence³	E800-E999	19 788	19 610	19 009	18 835	19 009	18 754	17 823
All accidents	E800-E929	.. ⁴	13 297	12 823	12 603	12 475	12 369	11 524
Motor vehicle accidents	E810-E825	.. ⁴	5 310	5 146	5 090	4 914	4 900	4 836
Suicide and self-inflicted injury	E950-E959	4 419	4 279	4 279	4 315	4 419	4 126	3 986
All other external causes	{ E930-E949 E960-E999 }	.. ⁴	2 034	1 907	1 917	2 115	2 259	2 313

1 Changes in OPCS coding of underlying cause of death (from 1 January 1984) have led to some differences in the pattern of causes of death for 1984 onwards as compared with previous years.

2 On 1 January 1986, a new certificate for deaths within the first 28 days of life was introduced. It is not possible to assign one underlying cause of death

from this certificate. The 'cause' figures in this table for 1986 exclude all deaths at ages under 28 days.

3 Within certain main categories only selected causes of death are shown.

4 Industrial action meant that information supplied by coroners about accidental and violent deaths, except suicides, was not available.

2.20

Deaths analysed by cause
Scotland

(continued)

International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision, 1979

		Number							
	Code numbers	1980	1981	1982	1983	1984 ¹	1985	1986	1987
Total deaths		63 299	63 828	65 022	63 454	62 345	63 967	63 467	62 014
Deaths from natural causes²		60 129	60 749	61 940	60 612	59 519	61 148	60 562	59 328
Infectious and parasitic diseases	001-139	292	284	283	279	259	278	268	250
Cholera	001	—	—	—	—	—	—	—	—
Typhoid fever	002.0	—	1	—	—	—	—	—	—
Shigellosis and amoebiasis	004,006	—	1	—	1	—	—	—	—
Enteritis and other diarrhoeal diseases	008-009	13	12	12	12	11	14	9	7
Tuberculosis of respiratory system	010-012	61	68	50	48	46	47	41	29
Other tuberculosis, including late effects	013-018, 137	59	54	65	52	39	57	47	47
Plague	020	—	—	—	—	—	—	—	—
Diphtheria	032	—	—	—	—	—	—	—	—
Whooping cough	033	—	1	2	—	—	—	—	—
Streptococcal sore throat and scarlatina	034	1	—	—	—	—	1	—	—
Meningococcal infection	036	10	5	10	—	7	9	11	17
Acute poliomyelitis	045	—	—	—	—	—	—	—	—
Smallpox	050	—	—	—	—	—	—	—	1
Measles	055	6	2	2	4	3	1	—	—
Louse-borne typhus and other rickettsioses	080-083	—	—	—	—	—	—	—	1
Malaria	084	—	—	1	—	1	—	1	1
Syphilis	090-097	6	6	2	4	2	2	3	1
Neoplasms	140-239	13 865	14 083	14 247	14 377	14 456	14 618	14 686	14 793
Malignant neoplasm of stomach	151	1 088	1 095	1 057	1 003	970	1 010	961	985
Malignant neoplasm of trachea, bronchus and lung	162	3 951	4 114	4 116	4 178	4 225	4 307	4 149	4 290
Malignant neoplasm of breast	174-175	1 217	1 182	1 236	1 271	1 248	1 264	1 326	1 245
Malignant neoplasm of uterus	179-182	320	328	331	359	379	353	334	327
Leukaemia	204-208	312	285	302	307	306	352	315	312
Benign neoplasms	210-229, 239	134	111	130	122	109	113	116	111
Endocrine, nutritional and metabolic diseases and immunity disorders	240-279	768	872	818	779	669	723	707	730
Diabetes mellitus	250	559	652	591	558	477	534	518	540
Nutritional deficiencies	260-269	19	30	19	16	24	21	15	12
Diseases of blood and blood-forming organs	280-289	181	170	162	164	149	181	167	190
Anaemias	280-285	115	106	102	94	89	83	89	89
Mental disorders	290-319	576	561	640	629	645	965	949	918
Diseases of nervous system and sense organs	320-389	691	749	728	801	776	810	827	788
Meningitis	320-322	36	27	25	35	25	18	20	22
Diseases of the circulatory system	390-459	32 854	33 214	33 279	32 243	31 489	32 319	31 424	31 057
Acute rheumatic fever	390-392	1	1	3	—	—	—	—	—
Chronic rheumatic heart disease	393-398	334	318	336	306	275	252	258	242
Hypertensive disease	401-405	513	484	498	430	411	391	372	324
Ischaemic heart disease	410-414	17 885	18 453	18 633	18 335	18 107	18 758	18 138	18 405
Diseases of pulmonary circulation and other forms of heart disease	415-429	3 035	2 845	2 907	2 782	2 549	2 620	2 337	2 222
Cerebrovascular disease	430-438	9 140	9 190	8 996	8 594	8 378	8 505	8 590	8 225
Diseases of the respiratory system	460-519	6 788	6 546	7 528	7 253	7 099	7 156	7 469	6 793
Influenza	487	117	54	235	178	59	54	121	36
Pneumonia	480-486	3 824	3 676	4 195	4 037	3 974	3 880	4 113	3 750
Bronchitis, emphysema	490-492	1 558	1 365	1 390	1 081	1 009	969	791	632
Asthma	493	152	143	196	163	157	146	152	159
Diseases of the digestive system	520-579	2 094	2 185	2 116	2 077	2 015	2 038	2 011	1 915
Ulcer of stomach and duodenum	531-533	489	482	491	481	475	470	448	422
Appendicitis	540-543	24	20	13	14	13	18	6	8
Hernia of abdominal cavity	550-553, 560	202	188	207	207	189	201	165	166
Chronic liver disease and cirrhosis	571	406	450	422	431	423	423	380	401
Diseases of the genito-urinary system	580-629	817	871	933	892	804	897	887	842
Nephritis, nephrotic syndrome and nephrosis	580-589	446	519	572	557	513	555	538	514
Hyperplasia of prostate	600	61	40	36	41	37	37	41	34
Complications of pregnancy, childbirth, etc.	630-676	10	13	6	8	8	9	7	2
Abortion	630-639	1	1	—	2	1	1	2	—
Diseases of the skin and subcutaneous tissue	680-709	51	43	51	57	70	89	86	79
Diseases of the musculo-skeletal system	710-739	225	264	245	262	239	269	289	252
Congenital anomalies	740-759	341	297	293	298	291	265	224	225
Certain conditions originating in the perinatal period	760-779	359	324	324	245	278	246	250	230
Birth trauma, hypoxia, birth asphyxia and other respiratory conditions	767-770	202	183	173	143	160	122	142	131
Signs, symptoms and ill-defined conditions	780-799	217	273	287	248	272	285	311	264
Deaths by violence²		3 170	3 079	3 082	2 842	2 826	2 819	2 905	2 686
All accidents	E800-E999	2 299	2 254	2 245	2 085	2 050	1 981	2 055	1 858
Motor vehicle accidents	E810-E825	743	725	741	644	612	609	608	582
Suicide and self-inflicted injuries	E950-E959	515	516	561	505	519	569	568	522
All other external causes	{E930-E949 E960-E999}	356	309	267	252	257	269	282	306

1 See page 35.

2 Within certain main categories only selected causes of death are shown.
Source General Register Office (Scotland)

2.20

Deaths analysed by cause

Northern Ireland

(continued)

International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision, 1979

		Number							
	Code numbers	1980	1981	1982	1983	1984	1985	1986	1987 ²
Total deaths		16 835	16 256	15 918	16 039	15 692	15 955	16 065	15 334
Deaths from natural causes¹		15 812	15 400	15 109	15 208	14 951	15 209	15 335	14 572
Infectious and parasitic diseases	001-139	67	74	72	57	42	43	38	63
Cholera	001	—	—	—	—	—	—	—	—
Typhoid fever	002.0	—	—	—	—	—	—	—	—
Shigellosis and amoebiasis	004.006	—	—	—	—	—	—	—	—
Enteritis and other diarrhoeal diseases	008-009	2	2	—	—	2	1	—	—
Tuberculosis of respiratory system	010-012	22	18	10	12	10	16	11	13
Other tuberculosis, including late effects	013-018, 137	14	4	2	2	6	2	3	1
Plague	020	—	—	—	—	—	—	—	—
Diphtheria	032	—	—	—	—	—	—	—	—
Whooping cough	033	—	—	—	—	—	—	—	—
Streptococcal sore throat and scarlatina	034	—	—	—	—	—	—	—	—
Meningococcal infection	036	—	2	2	7	2	5	1	6
Acute poliomyelitis	045	—	—	—	—	—	—	—	1
Smallpox	050	—	—	—	—	—	—	—	—
Measles	055	2	2	—	1	—	—	1	1
Louse-borne typhus and other rickettsioses	080-083	—	—	—	—	—	—	—	—
Malaria	084	—	—	—	—	—	—	—	—
Syphilis	090-097	1	1	2	1	—	1	—	—
Neoplasms	140-239	3 066	3 063	3 102	3 170	3 327	3 254	3 282	3 417
Malignant neoplasm of stomach	151	298	259	272	257	240	231	243	239
Malignant neoplasm of trachea, bronchus and lung	162	676	689	690	691	788	761	736	759
Malignant neoplasm of breast	174-175	293	296	269	284	304	308	294	312
Malignant neoplasm of uterus	179-182	70	83	89	88	67	62	78	73
Leukaemia	204-208	98	85	99	73	108	86	77	83
Benign neoplasms and neoplasms of unspecified nature	210-229, 239	44	40	28	21	22	14	40	42
Endocrine, nutritional and metabolic diseases	240-279	184	137	117	151	225	119	116	78
Diabetes mellitus	250	137	103	93	120	192	91	85	57
Nutritional deficiencies	260-269	5	3	—	—	3	2	—	1
Diseases of blood and blood-forming organs	280-289	58	45	30	43	42	31	24	27
Anaemias	280-285	42	30	23	26	29	16	13	14
Mental disorders	290-319	44	37	29	42	33	13	64	35
Diseases of nervous system and sense organs	320-389	193	192	189	238	221	166	163	174
Meningitis	320-322	11	10	8	7	8	8	4	4
Diseases of the circulatory system	390-459	8 839	8 655	8 093	8 234	8 099	8 031	8 064	7 602
Acute rheumatic fever	390-392	4	5	2	1	4	1	3	5
Chronic rheumatic heart disease	393-398	74	66	67	48	60	55	59	53
Hypertensive disease	401-405	157	121	95	95	97	57	62	69
Ischaemic heart disease	410-414	4 858	4 909	4 563	4 785	4 825	4 736	4 686	4 538
Diseases of pulmonary circulation and other forms of heart disease	415-429	1 122	1 068	1 028	867	784	884	874	796
Cerebrovascular disease	430-438	2 217	2 111	1 982	2 079	1 966	1 941	2 008	1 818
Diseases of the respiratory system	460-519	2 255	2 111	2 364	2 207	1 936	2 511	2 581	2 269
Influenza	487	27	24	15	42	15	28	23	2
Pneumonia	480-486	1 332	1 263	1 523	1 368	1 150	1 651	1 730	1 510
Bronchitis, emphysema	490-492	415	334	301	270	209	184	168	158
Asthma	493	55	45	48	55	43	49	64	50
Diseases of the digestive system	520-579	465	421	442	434	424	420	400	368
Ulcer of stomach and duodenum	531-533	112	121	112	103	101	96	83	77
Appendicitis	540-543	5	4	5	3	3	4	2	3
Hernia of abdominal cavity and other intestinal obstruction	550-553, 560	61	46	37	50	45	35	47	41
Chronic liver disease and cirrhosis	571	72	65	71	64	75	69	64	58
Diseases of the genito-urinary system	580-629	267	286	293	240	256	304	290	237
Nephritis, nephrotic syndrome and nephrosis	580-589	151	193	206	157	156	223	186	147
Hyperplasia of prostate	600	38	18	11	15	10	8	9	9
Complications of pregnancy, childbirth, etc.	630-676	2	1	2	4	3	—	—	1
Abortion	630-639	1	—	1	—	—	—	—	—
Diseases of the skin and subcutaneous tissue	680-709	7	14	13	11	15	12	15	28
Diseases of the musculo-skeletal system	710-739	40	48	26	58	54	36	40	46
Congenital anomalies	740-759	162	134	150	159	145	133	113	91
Certain conditions originating in the perinatal period	760-779	140	146	137	125	102	96	99	79
Birth trauma, hypoxia, birth asphyxia and other respiratory conditions	767-770	69	77	49	55	44	47	36	31
Signs, symptoms and ill-defined conditions	780-799	27	36	50	35	27	40	47	57
Deaths by violence¹		1 023	856	809	831	741	746	730	762
All accidents	E800-E999	784	600	591	572	532	527	487	542
Motor vehicle accidents	E810-E825	289	230	225	205	178	197	185	228
Suicide and self-inflicted injuries	E950-E959	81	90	93	142	109	117	145	86
	E930-E949								
All other external causes	E960-E999	158	166	125	117	100	102	98	134

1 Within certain main categories only selected causes of death are shown.

2 Provisional.

Source General Register Office (Northern Ireland)

2.21

Infant and maternal mortality

	Deaths of infants under 1 year of age per thousand live births												Maternal deaths per thousand live births ²			
	United Kingdom			England and Wales ¹			Scotland			Northern Ireland			United Kingdom	England and Wales	Scotland	Northern Ireland
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females				
1900 – 02	142	156	128	146	160	131	124	136	111	113	123	103	4.71	4.67	4.74	6.03
1910 – 12	110	121	98	110	121	98	109	120	97	101	110	92	3.95	3.67	5.65	5.28
1920 – 22	82	92	71	80	90	69	94	106	82	86	95	77	4.37	4.03	6.36	5.62
1930 – 32	67	75	58	64	72	55	84	94	73	75	83	66	4.54	4.24	6.40	5.24
1940 – 42	59	66	51	55	62	48	77	87	66	80	89	70	3.29	2.74	4.50	3.79
1950 – 52	30	34	26	29	33	25	37	42	32	40	45	36	0.88	0.79	1.09	1.09
1960 – 62	22	25	19	22	24	19	26	30	22	27	30	24	0.36	0.36	0.37	0.43
1970 – 72	18	20	16	18	20	15	19	22	17	22	24	20	0.17	0.17	0.17	0.10
1980 – 82	12	13	10	11	13	10	12	13	10	13	15	12	0.09	0.09	0.14	0.06
1938	55.5	62.3	48.4	52.8	59.7	45.6	69.5	76.6	62.1	75.1	79.1	70.9	3.62	3.37	4.87	5.32
1939	53.6	60.0	46.8	50.6	56.4	44.4	68.5	77.5	59.0	70.5	80.9	59.6	3.42	3.25	4.49	3.80
1940	61.0	69.3	52.3	56.8	64.3	48.8	78.3	90.3	65.7	85.9	94.8	76.3	3.03	2.78	4.39	4.22
1941	63.3	71.2	55.0	60.0	67.5	52.2	82.7	93.3	71.6	76.6	85.4	66.9	3.20	2.90	4.89	4.17
1942	52.9	59.2	46.2	50.6	56.5	44.3	69.3	77.9	60.2	76.4	86.7	65.4	2.78	2.57	4.21	2.97
1943	51.9	57.8	45.6	49.1	54.7	43.2	65.2	73.0	57.0	78.2	87.0	68.6	2.57	2.37	3.83	3.17
1944	47.6	52.9	41.9	45.4	50.4	40.1	65.0	73.0	56.4	67.4	73.7	60.8	2.14	1.99	3.05	3.07
1945	48.8	54.6	42.6	46.0	51.4	40.3	56.2	64.7	47.3	68.1	72.7	63.1	1.99	1.85	2.86	2.69
1946	42.7	48.1	37.0	42.9	48.3	37.1	53.8	60.0	47.3	54.0	61.5	46.0	1.59	1.47	2.26	2.32
1947	43.7	49.0	38.1	41.4	46.3	36.2	55.8	62.9	48.2	53.0	60.8	44.9	1.32	1.20	2.10	1.86
1948	36.0	40.6	31.2	33.9	38.1	29.5	44.7	51.3	37.7	45.6	53.1	37.6	1.12	1.05	1.60	1.52
1949	34.1	38.3	29.6	32.4	36.5	28.0	41.4	46.2	36.3	45.2	48.6	41.6	1.04	1.00	1.32	1.31
1950	31.2	35.0	27.2	29.6	33.4	25.7	38.6	43.0	33.8	40.5	43.9	36.9	0.93	0.89	1.15	1.11
1951	31.1	35.1	26.9	29.7	33.6	25.5	37.4	42.2	32.4	41.2	44.5	37.7	0.82	0.78	1.09	1.09
1952	28.8	32.3	25.1	27.6	30.9	24.1	35.2	39.3	30.8	38.8	45.1	32.1	0.74	0.69	1.02	1.08
1953	27.6	30.8	24.2	26.8	29.8	23.6	30.8	34.7	26.6	37.6	43.4	31.4	0.74	0.72	0.95	0.59
1954	26.4	29.6	22.8	25.4	28.7	22.0	31.0	34.9	26.9	33.0	36.9	28.9	0.68	0.66	0.76	0.73
1955	25.8	28.9	22.5	24.9	28.1	21.5	30.4	33.2	27.4	32.4	34.6	29.9	0.60	0.61	0.46	0.83
1956	24.4	27.6	21.0	23.8	26.9	20.4	28.6	32.6	24.4	28.9	30.9	26.6	0.54	0.53	0.54	0.58
1957	24.0	26.7	21.0	23.1	25.8	20.3	28.6	32.6	24.4	28.9	30.5	27.2	0.48	0.46	0.47	1.10
1958	23.4	26.2	20.4	22.5	25.3	19.6	27.7	30.9	24.3	28.1	31.3	24.6	0.46	0.44	0.53	0.56
1959	23.1	25.5	20.5	22.2	24.5	19.8	28.4	32.0	24.5	28.4	29.4	27.4	0.39	0.39	0.36	0.55
1960	22.4	25.1	19.5	21.8	24.5	18.9	26.4	29.7	22.9	27.2	30.0	24.2	0.39	0.39	0.35	0.44
1961	22.1	24.5	19.6	21.4	23.9	18.8	25.8	29.3	22.3	27.5	32.9	21.7	0.35	0.34	0.37	0.53
1962	22.4	25.3	19.3	21.7	24.5	18.7	26.5	31.0	21.7	26.5	27.6	25.7	0.36	0.36	0.40	0.31
1963	21.7	24.3	19.0	21.1	23.7	18.4	25.6	28.7	22.2	27.0	28.5	25.3	0.30	0.28	0.38	0.42
1964	20.6	22.9	18.0	19.9	22.2	17.5	24.0	26.8	21.1	26.3	30.5	21.9	0.25	0.26	0.23	0.17
1965	19.6	22.1	17.0	19.0	21.5	16.4	23.1	25.5	20.6	25.1	27.1	22.8	0.32	0.26	0.38	0.32
1966	19.6	22.0	17.1	19.0	21.4	16.5	23.2	25.8	20.4	25.5	26.8	24.1	0.26	0.26	0.25	0.18
1967	18.8	20.7	16.8	18.3	20.3	16.3	21.0	23.3	18.6	23.5	24.6	22.3	0.21	0.21	0.23	0.24
1968	18.7	21.2	16.2	18.3	20.7	15.8	20.8	23.6	17.7	24.0	26.7	21.1	0.23	0.24	0.15	0.27
1969	18.6	20.9	16.1	18.0	20.3	15.6	21.1	23.6	18.4	24.0	27.9	20.7	0.19	0.19	0.14	0.15
1970	18.5	20.9	15.9	18.2	20.5	15.7	19.6	22.4	16.6	22.9	26.2	19.4	0.18	0.19	0.19	–
1971	17.9	20.2	15.5	17.5	19.8	15.1	19.9	22.2	17.4	22.7	24.5	20.8	0.17	0.17	0.16	0.19
1972	17.5	19.5	15.4	17.2	19.3	15.0	18.8	20.7	16.8	20.5	22.5	18.4	0.15	0.15	0.17	0.10
1973	17.2	19.3	15.0	16.9	18.9	14.7	19.0	21.8	16.0	21.0	22.7	19.2	0.14	0.13	0.22	0.17
1974	16.8	18.9	14.4	16.3	18.6	13.9	18.9	20.9	16.9	20.8	21.1	20.6	0.14	0.13	0.23	0.22
1975	16.0	17.7	14.2	15.7	17.5	13.9	17.2	19.1	15.2	20.4	21.7	19.0	0.12	0.13	0.09	0.04
1976	14.5	16.4	12.4	14.3	16.2	12.2	14.8	17.0	12.5	18.3	19.1	17.5	0.13	0.13	0.15	0.11
1977	14.1	15.8	12.3	13.8	15.4	12.0	16.1	18.3	13.8	17.2	18.7	15.6	0.13	0.13	0.21	0.04
1978	13.3	14.8	11.7	13.2	14.7	11.6	12.9	14.5	11.2	15.9	17.3	14.5	0.10	0.11	0.06	–
1979	12.9	14.4	11.3	12.8	14.4	11.1	12.8	13.9	11.8	14.8	15.6	13.9	0.11	0.12	0.10	0.04
1980	12.2	13.4	10.6	12.0	13.3	10.7	12.1	13.6	10.4	13.4	15.1	11.5	0.11	0.11	0.15	0.07
1981	11.2	12.7	9.5	11.1	12.6	9.4	11.3	12.3	10.2	13.2	14.7	11.6	0.09	0.09	0.19	0.04
1982	11.0	12.3	9.5	10.8	12.2	9.4	11.4	12.9	9.8	13.6	14.8	12.4	0.07	0.07	0.09	0.07
1983	10.1	11.3	8.9	10.1	11.3	8.9	9.9	11.3	8.5	12.1	13.9	10.1	0.09	0.09	0.12	0.15
1984	9.6	10.7	8.4	9.5	10.6	8.3	10.3	11.7	8.9	10.5	11.4	9.6	0.09 ³	0.08	0.12	0.11
1985	9.4	10.4	8.3	9.4	10.4	8.2	9.4	10.0	8.7	9.6	10.6	8.5	0.07 ³	0.07	0.13	–
1986	9.5	10.9	8.1	9.6	11.0	8.0	8.8	9.9	7.7	10.2	11.0	9.2	0.07	0.07	0.11	–
1987	9.1 ³	10.3 ³	7.9 ³	9.2	10.4	7.9	8.5	9.7	7.2	8.7 ³	9.6 ³	7.7 ³	0.06	0.07	0.03	0.04

1 From 1937 to 1956 death rates are based on the births to which they relate in the current and preceding years.

2 Deaths in pregnancy and childbirth.

3 Provisional.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.21

Infant mortality

Analysis by sex and age of infant

(continued)

	Deaths per 1 000 live births											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total												
United Kingdom:												
Under 1 day	4.8	4.4	3.8	3.8	3.5	3.0	2.9	2.6	2.6	2.5	2.4	2.3 ¹
1 day and under 1 week	3.8	3.5	3.4	3.1	2.8	2.3	2.3	2.1	1.9	1.9	1.9	1.6 ¹
1 week and under 4 weeks	2.0	1.6	1.6	1.5	1.5	1.4	1.2	1.2	1.1	1.0	1.0	1.1 ¹
4 weeks and under 1 year	5.1	4.6	4.5	4.6	4.4	4.4	4.6	4.3	3.9	4.0	4.2	4.1 ¹
England and Wales:												
Under 1 day	4.7	4.2	3.7	3.7	3.4	2.9	2.8	2.6	2.6	2.5	2.4	2.3
1 day and under 1 week	3.5	3.5	3.4	3.0	2.8	2.3	2.2	2.1	1.9	1.9	1.8	1.7
1 week and under 4 weeks	1.5	1.6	1.6	1.5	1.5	1.4	1.2	1.2	1.1	1.0	1.0	1.1
4 weeks and under 1 year	4.6	4.5	4.5	4.6	4.4	4.4	4.6	4.3	3.9	4.0	4.3	4.1
Scotland:												
Under 1 day	5.0	5.6	4.1	4.2	3.9	3.0	3.2	2.6	2.8	2.5	2.4	2.1
1 day and under 1 week	3.8	3.9	3.3	3.1	2.6	2.4	2.6	2.3	2.4	1.9	2.0	1.8
1 week and under 4 weeks	1.5	1.7	1.4	1.4	1.3	1.5	1.4	1.0	1.2	1.1	0.8	0.9
4 weeks and under 1 year	4.5	4.8	4.1	4.2	4.3	4.4	4.2	4.1	3.9	3.9	3.6	3.8
Northern Ireland:												
Under 1 day	6.1	5.3	5.4	5.0	4.2	3.9	3.6	3.2	3.0	2.6	2.8	2.3 ¹
1 day and under 1 week	5.8	3.9	3.6	3.0	2.8	2.7	2.9	2.5	2.0	2.1	2.3	1.4 ¹
1 week and under 4 weeks	1.3	1.5	1.4	1.4	1.6	1.7	1.3	1.6	1.8	0.9	0.9	1.1 ¹
4 weeks and under 1 year	5.0	6.5	5.4	5.4	5.4	4.9	5.9	4.8	3.8	4.0	4.2	3.8 ¹
Males												
United Kingdom:												
Under 1 day	5.5	5.0	4.3	4.3	3.9	3.4	3.3	2.8	2.8	2.7	2.8	2.6 ¹
1 day and under 1 week	4.5	4.0	3.7	3.5	3.0	2.7	2.6	2.4	2.2	2.1	2.1	1.9 ¹
1 week and under 4 weeks	2.0	1.8	1.7	1.6	1.5	1.6	1.3	1.3	1.3	1.1	1.1	1.2 ¹
4 weeks and under 1 year	5.7	5.1	5.0	4.9	4.9	5.0	5.1	4.8	4.3	5.0	4.9	4.6 ¹
England and Wales:												
Under 1 day	5.5	4.8	4.2	4.2	3.8	3.4	3.3	2.8	2.8	2.8	2.8	2.7
1 day and under 1 week	4.1	3.9	3.7	3.6	3.1	2.7	2.5	2.3	2.2	2.1	2.0	1.9
1 week and under 4 weeks	1.5	1.8	1.7	1.6	1.5	1.6	1.3	1.3	1.3	1.1	1.2	1.2
4 weeks and under 1 year	5.2	5.0	5.1	5.0	4.8	4.9	5.1	4.8	4.3	4.5	5.0	4.7
Scotland:												
Under 1 day	5.7	6.7	5.0	4.7	4.9	3.3	3.6	2.9	3.2	2.3	2.6	2.3
1 day and under 1 week	4.7	4.5	3.7	3.4	2.7	2.4	3.1	2.4	2.7	2.0	2.2	2.0
1 week and under 4 weeks	1.5	1.9	1.6	1.6	1.5	1.4	1.4	0.8	1.2	1.1	0.8	1.0
4 weeks and under 1 year	5.1	5.3	4.2	4.2	4.5	5.3	4.7	5.2	4.7	4.6	4.3	4.4
Northern Ireland:												
Under 1 day	6.4	5.2	5.8	5.4	4.9	4.4	3.7	3.4	2.7	3.0	2.7	2.3 ¹
1 day and under 1 week	6.5	4.9	3.8	3.2	2.6	2.7	3.3	3.4	2.6	2.1	2.5	1.7 ¹
1 week and under 4 weeks	1.2	1.8	1.6	1.2	1.6	1.7	1.4	2.0	2.0	1.2	1.1	1.3 ¹
4 weeks and under 1 year	4.9	6.8	6.1	5.7	6.1	6.0	6.4	5.1	4.1	4.4	4.8	4.3 ¹
Females												
United Kingdom:												
Under 1 day	4.0	3.7	3.3	3.2	2.9	2.5	2.5	2.4	2.3	2.2	2.1	1.9 ¹
1 day and under 1 week	3.1	3.0	3.0	2.6	2.4	2.0	1.9	1.8	1.5	1.6	1.7	1.4 ¹
1 week and under 4 weeks	2.0	1.5	1.4	1.3	1.4	1.2	1.1	1.0	1.0	1.0	0.8	1.0 ¹
4 weeks and under 1 year	4.5	4.1	4.0	4.1	3.9	3.8	4.0	3.7	3.5	3.5	2.5	3.5 ¹
England and Wales:												
Under 1 day	3.9	3.6	3.3	3.2	2.9	2.5	2.4	2.4	2.3	2.2	2.1	1.7
1 day and under 1 week	2.8	3.0	3.0	2.5	2.4	1.9	1.9	1.8	1.5	1.6	1.6	1.4
1 week and under 4 weeks	1.5	1.5	1.5	1.3	1.4	1.2	1.1	1.0	1.0	1.0	0.8	1.0
4 weeks and under 1 year	4.0	4.0	3.9	4.1	3.9	3.8	4.0	3.7	3.5	3.5	3.5	3.6
Scotland:												
Under 1 day	4.3	4.5	3.2	3.7	2.8	2.7	2.7	2.4	2.4	2.6	2.1	1.8
1 day and under 1 week	2.8	3.4	2.8	2.7	2.4	2.4	2.0	2.1	2.1	1.8	1.8	1.5
1 week and under 4 weeks	1.5	1.6	1.1	1.2	1.1	1.6	1.4	1.1	1.2	1.1	0.9	0.7
4 weeks and under 1 year	3.9	4.3	4.0	4.1	4.1	3.6	3.7	3.0	3.2	3.2	2.9	3.1
Northern Ireland:												
Under 1 day	5.8	5.4	5.0	4.5	3.4	3.4	3.5	3.0	3.2	2.2	2.9	2.4 ¹
1 day and under 1 week	5.1	2.8	3.4	2.9	1.9	2.8	2.5	1.4	1.3	2.1	2.1	1.1 ¹
1 week and under 4 weeks	1.4	1.1	1.3	1.5	1.6	1.6	1.1	1.2	1.5	0.6	0.7	0.9 ¹
4 weeks and under 1 year	5.1	6.3	4.7	5.0	4.6	3.7	5.3	4.4	3.5	3.6	3.5	3.4 ¹

1 Provisional.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.22

Death rates per 1 000 population¹
Analysis by age and sex
United Kingdom

	All ages	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 34	35 – 44	45 – 54	55 – 64	65 – 74	75 – 84	85 and over
Males													
1900 – 02	18.4	57.0	4.1	2.4	3.7	5.0	6.6	11.0	18.6	35.0	69.9	143.6	289.6
1910 – 12	14.9	40.5	3.3	2.0	3.0	3.9	5.0	8.0	14.9	29.8	62.1	133.8	261.5
1920 – 22	13.5	33.4	2.9	1.8	2.9	3.9	4.5	6.9	11.9	25.3	57.8	131.8	259.1
1930 – 32	12.9	22.3	2.3	1.5	2.6	3.3	3.5	5.7	11.3	23.7	57.9	134.2	277.0
1940 – 42	..	..	..	..	..	..	..	..	..	..	..	..	..
1950 – 52	12.6	7.7	0.7	0.5	0.9	1.4	1.6	3.0	8.5	23.2	55.2	127.6	272.0
1960 – 62	12.5	6.4	0.5	0.4	0.9	1.1	1.1	2.5	7.4	22.2	54.4	123.4	251.0
1970 – 72	12.4	4.6	0.4	0.4	0.9	1.0	1.0	2.4	7.3	20.9	52.9	116.3	246.1
1980 – 82	12.1	3.2	0.3	0.3	0.8	0.9	0.9	1.9	6.3	18.2	46.7	107.1	224.9
1969	12.5	4.8	0.4	0.4	0.9	0.9	1.0	2.4	7.4	21.9	55.5	119.8	250.4
1970	12.3	4.8	0.4	0.4	0.9	1.0	1.0	2.3	7.2	21.4	54.0	119.0	253.4
1971	12.2	4.7	0.4	0.4	0.9	1.0	1.0	2.4	7.3	20.6	52.3	118.2	251.0
1972	12.6	4.4	0.4	0.4	0.9	1.0	1.0	2.4	7.5	21.0	53.8	119.8	248.0
1973	12.4	4.2	0.4	0.3	0.9	1.1	1.0	2.3	7.4	20.8	51.9	117.5	240.9
1974	12.3	4.2	0.4	0.3	0.9	1.0	1.0	2.3	7.4	20.6	51.6	115.3	240.3
1975	12.2	3.7	0.4	0.3	0.9	1.0	1.0	2.2	7.3	19.9	50.5	115.2	237.2
1976	12.5	3.5	0.3	0.3	0.9	1.0	1.0	2.2	7.2	20.1	51.0	117.5	246.0
1977	12.1	3.5	0.3	0.3	0.9	1.0	1.0	2.1	7.0	19.2	49.0	110.7	229.4
1978	12.3	3.4	0.3	0.3	0.9	1.0	1.0	2.1	7.0	19.3	49.3	111.8	232.0
1979	12.4	3.8	0.3	0.3	0.9	1.0	1.0	2.1	6.9	19.2	48.8	112.0	236.0
1980	12.1	3.4	0.3	0.3	0.8	0.9	0.9	2.0	6.5	18.7	47.2	108.6	227.0
1981	12.3	3.2	0.3	0.3	0.9	0.9	1.0	2.0	6.4	18.4	47.5	110.6	239.5
1982	12.0	2.9	0.3	0.3	0.8	0.9	0.9	1.8	6.1	17.9	46.4	106.4	225.0
1983	12.0	2.7	0.3	0.3	0.8	0.8	0.9	1.8	5.9	18.0	46.3	104.6	221.0
1984	11.7	2.6	0.3	0.3	0.7	0.9	0.9	1.7	5.7	17.5	44.9	100.9	212.8
1985	12.0	2.6	0.2	0.3	0.7	0.8	0.9	1.8	5.6	17.5	45.0	104.8	223.4
1986	11.8	2.6	0.2	0.2	0.7	0.9	0.9	1.7	5.5	17.0	43.6	102.0	217.1
1987 ²	11.5	2.5	0.2	0.3	0.7	0.9	0.9	1.7	5.2	16.4	42.0	97.3	194.3
Females													
1900 – 02	16.3	47.9	4.3	2.6	3.5	4.3	5.8	9.0	14.4	27.9	59.3	127.0	262.6
1910 – 12	13.3	34.0	3.3	2.1	2.9	3.4	4.4	6.7	11.5	23.1	50.7	113.7	234.0
1920 – 22	11.9	26.9	2.8	1.9	2.8	3.4	4.1	5.6	9.3	19.2	45.6	111.5	232.4
1930 – 32	11.5	17.7	2.1	1.5	2.4	2.9	3.3	4.6	8.3	17.6	43.7	110.1	246.3
1940 – 42	..	..	..	..	..	..	..	..	..	..	..	..	..
1950 – 52	11.2	6.0	0.5	0.4	0.7	1.0	1.4	2.3	5.3	12.9	35.5	98.4	228.8
1960 – 62	11.2	4.9	0.3	0.3	0.4	0.5	0.8	1.8	4.5	11.0	30.8	87.3	218.5
1970 – 72	11.3	3.6	0.3	0.2	0.4	0.4	0.6	1.6	4.5	10.5	27.5	76.7	196.1
1980 – 82	11.4	2.3	0.2	0.2	0.3	0.4	0.5	1.3	3.9	9.9	24.8	67.2	179.5
1969	11.3	3.7	0.3	0.2	0.4	0.4	0.6	1.8	4.5	10.8	29.1	78.1	203.2
1970	11.2	3.6	0.3	0.2	0.4	0.4	0.6	1.7	4.5	10.5	28.3	77.0	205.0
1971	11.1	3.6	0.3	0.2	0.4	0.4	0.6	1.6	4.4	10.4	26.9	76.6	209.1
1972	11.5	3.5	0.3	0.2	0.4	0.4	0.6	1.6	4.6	10.7	27.8	78.2	197.3
1973	11.5	3.2	0.3	0.2	0.4	0.4	0.6	1.6	4.5	10.5	27.1	76.5	192.5
1974	11.4	3.1	0.3	0.2	0.4	0.4	0.6	1.6	4.5	10.6	26.7	74.8	191.0
1975	11.3	3.0	0.2	0.2	0.4	0.4	0.6	1.5	4.4	10.4	26.0	73.4	188.3
1976	11.7	2.6	0.2	0.2	0.3	0.4	0.6	1.5	4.4	10.4	26.5	75.2	198.0
1977	11.3	2.7	0.2	0.2	0.4	0.4	0.5	1.5	4.2	10.1	25.5	71.0	183.1
1978	11.5	2.8	0.2	0.2	0.4	0.4	0.6	1.5	4.3	10.1	25.7	70.5	184.5
1979	11.6	2.8	0.2	0.2	0.3	0.4	0.6	1.4	4.3	10.2	25.6	70.8	187.1
1980	11.4	2.7	0.2	0.2	0.3	0.4	0.5	1.3	4.0	10.0	25.0	67.7	181.3
1981	11.6	2.5	0.2	0.2	0.3	0.4	0.5	1.3	3.9	10.0	25.5	70.4	190.6
1982	11.5	2.3	0.2	0.2	0.3	0.4	0.5	1.2	3.8	9.9	24.8	66.8	179.4
1983	11.4	2.1	0.2	0.2	0.3	0.3	0.5	1.2	3.6	9.8	24.7	65.1	177.2
1984	11.2	2.0	0.2	0.2	0.3	0.3	0.5	1.2	3.5	9.7	24.3	62.6	170.2
1985	11.7	2.0	0.2	0.2	0.3	0.3	0.5	1.2	3.4	9.9	24.7	64.8	178.4
1986	11.5	2.0	0.2	0.2	0.3	0.3	0.5	1.1	3.3	9.5	24.0	63.2	172.4
1987 ²	11.2	2.0	0.2	0.2	0.3	0.3	0.5	1.1	3.3	9.4	23.3	60.8	159.9

1 The figures 1974 to 1980 incorporate the revised intercensal estimates for England and Wales, and Northern Ireland, but the old series estimates for Scotland.

2 Provisional.

Sources Office of Population Censuses and Surveys; General Register Office (Scotland); General Register Office (Northern Ireland)

2.23 Life tables

United Kingdom

England and Wales

Age _x	Interim Life Table, 1984 – 86				Interim Life Table, 1984 – 86			
	Males		Females		Males		Females	
	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>
0	100 000	71.7	100 000	77.5	100 000	71.9	100 000	77.7
5	98 738	67.6	99 013	73.3	98 745	67.8	99 021	73.5
10	98 625	62.7	98 924	68.3	98 637	62.9	98 934	68.5
15	98 492	57.8	98 836	63.4	98 507	58.0	98 846	63.6
20	98 144	53.0	98 694	58.5	98 165	53.2	98 703	58.7
25	97 729	48.2	98 536	53.6	97 760	48.4	98 548	53.8
30	97 325	43.4	98 339	48.7	97 370	43.6	98 357	48.8
35	96 852	38.6	98 057	43.8	96 915	38.8	98 078	44.0
40	96 207	33.8	97 628	39.0	96 290	34.0	97 653	39.2
45	95 131	29.2	96 906	34.3	95 253	29.4	96 948	34.4
50	93 227	24.7	95 676	29.7	93 414	24.9	95 747	29.8
55	89 946	20.5	93 650	25.2	90 230	20.6	93 771	25.4
60	84 375	16.7	90 269	21.1	84 797	16.8	90 486	21.2
65	75 621	13.3	85 049	17.2	76 164	13.4	85 373	17.3
70	63 404	10.4	77 433	13.6	64 071	10.4	77 899	13.7
75	47 870	7.9	66 552	10.4	48 564	8.0	67 172	10.5
80	30 698	5.9	51 783	7.7	31 301	6.0	52 449	7.7
85	15 484	4.4	33 590	5.5	15 867	4.4	34 184	5.5

Age _x	Scotland				Northern Ireland			
	Interim Life Table, 1984 – 86		Interim Life Table, 1984 – 86		Interim Life Table, 1984 – 86		Interim Life Table, 1984 – 86	
	Males		Females		Males		Females	
	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>	<i>l_x</i>	<i>e_x</i>
0	10 000	70.0	10 000	76.0	10 000	70.2	10 000	76.5
5	9 874	65.9	9 898	71.8	9 860	66.2	9 888	72.4
10	9 859	61.0	9 889	66.8	9 844	61.3	9 876	67.5
15	9 843	56.1	9 880	61.9	9 829	56.4	9 870	62.5
20	9 805	51.3	9 866	57.0	9 789	51.6	9 856	57.6
25	9 759	46.5	9 848	52.0	9 731	46.9	9 838	52.7
30	9 710	41.7	9 824	47.2	9 675	42.2	9 813	47.8
35	9 648	37.0	9 794	42.3	9 617	37.4	9 784	43.0
40	9 565	32.3	9 741	37.5	9 544	32.7	9 744	38.1
45	9 427	27.7	9 653	32.8	9 405	28.1	9 666	33.4
50	9 180	23.4	9 506	28.3	9 190	23.7	9 537	28.8
55	8 778	19.4	9 260	24.0	8 789	19.7	9 326	24.4
60	8 104	15.7	8 841	20.0	8 173	16.0	8 959	20.3
65	7 127	12.5	8 221	16.3	7 222	12.7	8 419	16.4
70	5 807	9.8	7 337	13.0	5 917	9.9	7 622	12.9
75	4 224	7.5	6 130	10.0	4 392	7.5	6 442	9.8
80	2 582	5.7	4 639	7.4	2 737	5.5	4 849	7.1
85	1 253	4.2	2 909	5.3	1 284	4.1	2 934	5.1

Note Column *l_x* shows the number who would survive to exact age *x*, out of 100 000 or 10 000 born, who were subject throughout their lives to the death rates experienced in the three-year period indicated.
Column *e_x* is 'the expectation of life', that is, the average future lifetime which would be lived by a person aged exactly *x* if likewise subject to the death rates experienced in the three-year period indicated. (See introductory note on page 5.)

Source Government Actuary's Department

3 Social Conditions

Government expenditure on social services and housing

The following tables of general government expenditure on the social services and housing in the United Kingdom comprise a summary table followed by separate tables for each of the social services and housing. The definition of government expenditure used in these tables follows that in Table 9.4 of *United Kingdom National Accounts 1988 Edition*, the CSO Blue Book, and covers both current and capital expenditure of the central government (including the National Insurance Fund) and local authorities. The housing table also includes the capital expenditure of public corporations concerned with housing. As in the Blue Book government expenditure is measured after deducting fees and charges for services. Expenditure on administration includes the cost of common services (accommodation, stationery and printing, superannuation, etc.) some of which is not directly borne by the departments administering each service. Transfers from one part of government to another have been eliminated to avoid double counting. The figures relate to years ended 31 March. Figures for the latest two years are the most recent estimates available and are subject to revision.

It should be noted that the figures no longer include imputed rents for the use of fixed assets owned and used by general government. In the Blue Book imputed rents have been replaced by capital consumption. Capital consumption, however, cannot be allocated to individual services and is therefore not included in these tables.

The following notes give brief descriptions of each of the main services shown in the tables.

Education

This covers expenditure by the Education Departments, local education authorities and the University Grants Committee on education in schools, training colleges, technical institutions and universities. It includes expenditure on school meals and milk.

The education statistics in Table 3.2 are provided by the Department of Education and Science. They are not normally able to provide a full set of estimates, from their sources, for the latest financial year. The CSO has in the past made estimates from a variety of sources but, following a review of their accuracy, it has been decided that they do not give a reliable guide to the final outcome and have therefore been withdrawn.

National health service

This covers expenditure by central government on hospital and community health, family practitioner and other health services. The expenditure by local authorities on the provision of health centres, health visiting, home nursing, ambulance services, vaccination and immunisation, etc., was transferred to central government on 1 April 1974. Only the net costs of providing these services are included in total government expenditure, receipts from patients being shown separately.

Personal social services

This covers local authority expenditure on the aged, handicapped and homeless, child care, care of mothers and young children, mental health, domestic help, etc. Also included are central government grants to voluntary approved schools.

Welfare foods

This covers the cost of providing welfare foods at reduced prices to children and expectant mothers. Only the net costs of providing these services are included in the total government expenditure, payments by the recipients of the services being shown separately.

Social security

This comprises both benefits under the Social Security schemes and non-contributory benefits and allowances, administered by the Department of Health and Social Security. The analysis by type of supplementary benefit is not exact; the estimates are derived from average numbers in receipt of benefit and average amounts paid. Unified housing benefit (rent rebates and allowances) is also included

as social security expenditure and not as housing expenditure. This is now mainly administered by local authorities who receive grants from central government.

Housing

The table shows, in addition to government expenditure on housing, the capital expenditure of public corporations and the total expenditure of the public sector on housing. The government expenditure figures cover subsidies paid by the Housing Departments towards the provision of housing by local authorities, new town development corporations and housing associations; subsidies by local authorities to their housing revenue accounts; rent rebates for tenants of housing owned by local authorities and new towns; rent allowances for tenants of privately-owned housing; grants to persons for the reduction of mortgage interest payments; capital expenditure on the provision of houses for letting; capital grants to housing associations; grants by local authorities towards the cost of conversion and improvement of privately-owned houses; net lending by the central government and local authorities for private house purchase and improvement and loans for first time purchases. The public corporations' figures cover capital expenditure on the provision of houses for letting and lending by the Housing Corporation to housing associations.

Social Security

Tables 3.12 to 3.16, 3.20 to 3.28 give details of contributors and beneficiaries under the National Insurance and Industrial Injury Acts, supplementary benefits and war pensions.

There are three types of contributor:

- Class 1* Employed persons, that is, persons working for employers. Their contributions are paid partly by themselves and partly by their employers. They are covered for all benefits.
- Class 2* Self-employed persons, that is, persons working on their own account. They are covered for all benefits other than unemployment and industrial injuries.
- Class 3* Non-employed persons, that is, persons who do not work for gain. They are covered for benefits other than unemployment, sickness, industrial injuries and maternity allowances.
- Class 4* Payable, in addition to Class 2 by self-employed persons, and the amount payable is proportionate to profits or gains between a lower and upper limit in any one year.

An employer must pay a contribution for every employee whose earnings exceed a base level. Most employed persons pay the full employee's contribution, but retirement pensioners working for an employer do not and some married women and some widows who are working need not, unless they so wish, contribute except for industrial injuries benefit. Thus the total numbers in the analysis by benefit for which the contributions were payable are less than the total numbers in the analysis by class of contributor.

Sickness benefit and Invalidity (Tables 3.17 and 3.18)

The population at risk for sickness benefit is the working population apart from men over age 65 and women over age 60 who are retirement pensioners and all men over 70 and women over 65, members of the Armed Forces, mariners while at sea, most non-industrial civil servants and Post Office employees (who do not normally claim sickness benefit until an illness has lasted six months) and married women and certain widows who have chosen not to be insured for sickness benefit. The tables exclude periods of incapacity, covered by Statutory Sick Pay from 6 April 1983. In general SSP was for a maximum of 8 weeks for the tax year 1983/84 to 1985/86. From 6 April 1986 the SSP period has been extended to 28 weeks.

(continued on page 43)

Fatal injuries at work (Table 3.36)

Under the Notification of Accidents and Dangerous Occurrences Regulations, in force from 1 January 1981 to 30 March 1986, most fatal injuries at or resulting from work activities were reported to HSC enforcement authorities. From 1 April 1986 this requirement continues under the Reporting of Injuries Diseases and Dangerous Occurrences

Regulations, currently in force. Prior to 1981, fatal injuries were reported on a less comprehensive basis, and are not therefore comparable with the totals given in the table. Deaths of self employed people and members of the public are included in the table. Some of these were reported voluntarily prior to 1981.

3.1

Summary of government expenditure on social services and housing
Years ended 31 March

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Education ¹	8 305	9 169	10 617	13 049	14 088	15 158	16 084	16 681	17 439	19 042	..
National health service	6 896	7 835	9 195	11 944	13 267	14 385	15 383	16 312	17 344	18 651	20 598
Personal social services	1 249	1 423	1 785	2 230	2 420	2 552	2 789	2 940	3 467	3 413	3 844
Welfare foods	23	27	29	35	52	70	86	98	113	120	129
Social security benefits	14 410	17 080	20 142	24 426	29 968	33 946	37 190	40 211	43 246	46 867	48 923
Housing	4 583	4 946	6 101	6 304	4 764	4 353	4 744	4 643	4 348	3 868	3 543
Total government expenditure	35 466	40 480	47 869	57 988	64 559	70 464	76 276	80 885	85 957	91 961	..
Current expenditure	31 447	36 357	43 027	53 039	60 629	66 500	71 567	76 163	81 439	87 778	..
Capital expenditure	4 019	4 123	4 842	4 949	3 930	3 964	4 709	4 722	4 518	4 183	..
Total government expenditure	35 466	40 480	47 869	57 988	64 559	70 464	76 276	80 885	85 957	91 961	..
Central government	24 841	28 851	34 000	41 716	47 932	52 884	57 222	61 282	65 440	70 423	..
Local authorities	10 625	11 629	13 869	16 272	16 627	17 580	19 054	19 603	20 517	21 538	..
Total government expenditure	35 466	40 480	47 869	57 988	64 559	70 464	76 276	80 885	85 957	91 961	..

1 Includes school meals and milk.

Source Central Statistical Office

3.2

Government expenditure on education
Years ended 31 March

	£ million										
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87 ³
Current expenditure											
Nursery schools	31	30	33	43	52	57	63	67	70	74	81
Primary schools	1 711	1 833	2 030	2 321	2 840	3 093	3 255	3 377	3 483	3 705	4 157
Secondary schools	2 126	2 320	2 609	2 956	3 695	4 143	4 435	4 675	4 850	5 066	5 620
Special schools	221	248	296	350	443	500	543	583	620	667	727
Further and adult education ¹	926	1 020	1 112	1 301	1 591	1 812	1 987	2 157	2 261	2 379	2 617
Training of teachers: tuition	58	58	56	64	78	83	93	86	93	110	142
Universities ¹	681	724	826	981	1 264	1 277	1 388	1 497	1 562	1 608	1 654
Other education expenditure	307	330	347	405	516	553	599	656	697	736	871
Related current expenditure:											
Training of teachers: residence	10	9	9	12	15	15	18	20	18	19	19
School health ²	10	11	13	16	20	23	27	30	33	37	40
Meals and milk	455	434	467	508	479	480	499	519	527	532	559
Youth service and physical training	80	87	102	121	148	169	192	209	227	239	211
Maintenance grants and allowances to pupils and students	336	364	436	520	630	702	759	825	850	838	806
Transport of pupils	117	131	155	181	215	234	253	262	268	275	290
Miscellaneous expenditure	—	2	2	2	3	3	4	4	5	5	5
Value added tax paid by local authorities	73	95	115	212	299	293	359	400	445	477	504
Total current expenditure	7 142	7 696	8 608	9 993	12 288	13 437	14 475	15 367	16 009	16 767	18 303
Capital expenditure											
Nursery schools	11	6	5	6	6	4	4	6	7	8	7
Primary schools	168	124	118	132	174	136	128	141	144	164	180
Secondary schools	268	263	238	235	274	233	239	232	210	223	187
Special schools	35	23	15	18	26	22	21	20	14	17	23
Further and adult education	89	80	74	93	129	108	139	141	139	83	149
Training of teachers	3	1	1	3	2	2	3	2	3	3	3
Universities	104	78	84	106	117	117	116	139	121	140	156
Other education expenditure	2	3	5	7	10	10	13	14	11	11	10
Related capital expenditure	37	31	21	24	23	19	20	22	23	23	24
Total capital expenditure	717	609	561	624	761	651	683	717	672	672	739
Total expenditure											
Central government	1 099	1 058	1 161	1 394	1 779	1 797	2 022	2 222	2 289	2 398	2 652
Local authorities	6 760	7 247	8 008	9 223	11 270	12 291	13 136	13 862	14 392	15 041	16 390
Total government expenditure	7 859	8 305	9 169	10 617	13 049	14 088	15 158	16 084	16 681	17 439	19 042
Gross domestic product at market prices	130 596	151 457	172 769	206 743	236 400	259 696	283 078	305 153	329 300	361 300	386 200
Expenditure as a percentage of GDP	6.0	5.5	5.3	5.1	5.5	5.4	5.4	5.3	5.1	4.8	4.9

1 Including tuition fees.

2 From 1 April 1974 expenditure on the school health service is included in the National Health Service.

3 Provisional.

Sources Department of Education and Science; Central Statistical Office

3.3

Government expenditure on the national health service
Years ended 31 March

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88 ³
Current expenditure											
Central government:											
Hospitals and Community health services ¹ :											
Running expenses ²	4 662	5 241	6 168	8 162	9 033	9 691	10 448	10 912	11 570	12 356	13 635
Family practitioner services:											
General medical services	406	463	570	754	866	973	1 049	1 192	1 291	1 373	1 528
Pharmaceutical services ²	745	880	986	1 213	1 394	1 599	1 767	1 919	2 041	2 235	2 464
General dental services ²	273	330	400	494	562	629	681	747	776	877	990
General ophthalmic services ²	80	90	107	123	148	238	191	206	170	155	182
Administration	266	297	365	450	474	488	452	473	475	553	602
less Payments by patients:											
Hospital services	- 33	- 34	- 42	- 57	- 69	- 72	- 81	- 84	- 92	- 99	- 106
Pharmaceutical services	- 27	- 28	- 49	- 88	- 107	- 125	- 134	- 149	- 158	- 204	- 256
Dental services	- 61	- 65	- 78	- 106	- 132	- 163	- 179	- 197	- 225	- 261	- 290
Ophthalmic services	- 27	- 30	- 33	- 34	- 38	- 45	- 51	- 52	- 14	- 1	- 1
Total	- 148	- 157	- 202	- 285	- 346	- 405	- 445	- 482	- 489	- 565	- 653
Departmental administration	68	71	88	109	121	109	135	137	142	193	210
Other services	134	154	191	236	183	206	219	218	283	324	336
Total current expenditure	6 486	7 369	8 673	11 256	12 435	13 528	14 497	15 322	16 259	17 501	19 294
Capital expenditure											
Central government	410	466	522	688	832	857	886	990	1 085	1 150	1 304
Total expenditure											
Central government	6 896	7 835	9 195	11 944	13 267	14 385	15 383	16 312	17 344	18 651	20 598

1 Including the school health service.

2 Before deducting payments by patients.

3 Provisional.

Source Central Statistical Office

3.4 Government expenditure on welfare services¹

Years ended 31 March

£ million

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Personal social services											
Central government current expenditure	69	67	90	112	99	93	101	106	115	123	125
Local authorities current expenditure:											
Running expenses	1 119	1 284	1 601	2 004	2 212	2 372	2 595	2 725	3 229	3 163	3 593
Capital expenditure	61	72	94	114	109	87	93	109	123	127	126
Total	1 249	1 423	1 785	2 230	2 420	2 552	2 789	2 940	3 467	3 413	3 844
Welfare foods service											
Central government current expenditure on welfare foods (including administration)	23	27	29	35	52	70	86	98	113	120	129
less Receipts from the public	—	—	—	—	—	—	—	—	—	—	—
Total	23	27	29	35	52	70	86	98	113	120	129

¹ School meals and milk is included in Table 3.2.

Source Central Statistical Office

3.5 Government expenditure on social security benefits

Years ended 31 March

£ million

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Central government current expenditure											
National insurance fund:											
Retirement pensions	6 739	7 736	9 008	10 753	12 386	13 845	14 932	15 603	16 949	18 162	19 135
Lump sums to pensioners	—	—	98	100	103	105	106	108	108	110	109
Widows' benefits and guardians' allowances	485	525	585	663	718	753	801	815	830	857	868
Unemployment benefit	655	659	681	1 328	1 758	1 550	1 545	1 623	1 638	1 788	1 591
Sickness benefit	636	688	657	651	671	537	279	292	290	191	177
Invalidity benefit	740	892	1 048	1 212	1 441	1 673	1 960	2 236	2 452	2 790	3 113
Maternity benefit	96	126	146	155	164	157	145	167	169	174	69
Death grant	16	16	16	17	17	17	18	17	18	18	—
Injury benefit	51	53	48	47	45	48	—	—	—	—	—
Disablement benefit	200	226	255	294	329	359	383	397	424	457	461
Industrial death benefit	30	33	37	43	48	52	56	57	60	63	62
Statutory sick pay	—	—	—	—	—	—	445	523	561	737	772
Statutory maternity pay	—	—	—	—	—	—	—	—	—	—	183
Redundancy Fund	95	101	128	313	464	439	438	344	358	256	93
Maternity Fund	14	26	32	40	50	53	59	57	65	71	29
Non-contributory benefits:											
War pensions	310	341	375	424	479	504	524	544	581	589	589
Family benefits:											
Child benefit	906	1 869	2 931	3 052	3 497	3 799	4 137	4 438	4 637	4 686	4 785
One parent benefit	—	—	—	63	76	91	110	123	138	152	164
Family income supplement	28	27	31	48	73	103	133	137	142	175	180
Maternity grants	—	—	—	—	17	17	18	19	18	15	—
Supplementary benefits:											
Supplementary pensions	567	694	760	930	1 450	1 482	752	922	1 044	1 217	1 301
Supplementary allowances	1 359	1 413	1 496	2 053	3 569	5 023	5 121	5 821	6 707	7 090	7 129
Social Fund	—	—	—	—	—	—	—	—	—	—	33
Other non-contributory benefits:											
Old persons' pensions	38	40	38	41	42	43	44	42	44	48	47
Lump sums to pensioners	98	101	6	5	6	6	6	6	7	8	8
Attendance allowance	151	178	215	257	346	422	517	601	715	810	883
Invalid care allowance	3	4	5	6	7	9	11	12	14	107	174
Mobility allowance	21	48	81	128	177	241	310	364	431	525	608
Invalidity pension and severe disablement allowance	48	75	91	105	138	163	193	248	280	299	320
Housing benefit ¹	457	479	538	655	572	1 018	2 540	2 910	3 215	3 460	3 723
Administration	667	730	836	1 043	1 325	1 437	1 607	1 785	1 851	2 012	2 317
Total government expenditure	14 410	17 080	20 142	24 426	29 968	33 946	37 190	40 211	43 746	46 867	48 923

¹ From 1981–82 comprises expenditure by the Department of Health and Social Security under the unified housing benefit scheme.

Source Central Statistical Office

3.6 Government and other public sector expenditure on housing

Years ended 31 March

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Government expenditure											
Current expenditure											
Central government											
housing subsidies:											
to local authorities	1 025	1 208	1 534	1 689	1 064	567	417	451	554	513	548
to public corporations	200	216	261	281	291	260	276	304	295	298	298
to housing associations	17	23	24	29	40	46	21	18	17	29	31
grants to housing associations	—	—	—	45	115	120	200	182	157	129	109
Local authorities											
housing subsidies	190	267	414	537	553	584	649	620	562	536	513
Grants under the option mortgage scheme	152	141	181	222	254	299	—	—	—	—	—
Administration, etc.	60	67	85	115	109	140	168	117	125	196	218
Total current expenditure	1 644	1 922	2 499	2 918	2 426	2 016	1 731	1 692	1 710	1 701	1 717
Capital expenditure											
Investment in housing by local authorities	1 908	1 724	1 788	1 432	287	61	794	1 016	1 151	991	744
Capital grants to housing associations	539	614	577	535	471	607	983	940	927	802	855
Improvement grants	81	109	156	178	269	561	1 214	982	641	584	542
Net lending for house purchase	—30	107	516	629	807	640	—320	—357	—354	—448	—309
Capital grants to public corporations	4	3	7	13	13	17	20	26	17	23	25
Net lending to public corporations	437	467	558	599	491	451	322	344	256	215	—31
Total capital expenditure	2 939	3 024	3 602	3 386	2 338	2 337	3 013	2 951	2 638	2 167	1 826
Total expenditure											
Central government	2 374	2 672	3 142	3 413	2 739	2 367	2 239	2 265	2 223	2 009	1 835
Local authorities	2 209	2 274	2 959	2 891	2 025	1 986	2 505	2 378	2 125	1 859	1 708
Total government expenditure	4 583	4 946	6 101	6 304	4 764	4 353	4 744	4 643	4 348	3 868	3 543
Public corporations' capital expenditure											
Investment in housing	240	268	307	345	408	395	411	448	428	425	420
Net lending to private sector	7	12	34	47	33	—33	—32	—16	—7	—6	—6
Total	247	280	341	392	441	362	379	432	421	419	414
Total public sector expenditure¹	4 393	4 759	5 884	6 097	4 714	4 264	4 801	4 731	4 513	4 072	3 988

¹ Total government expenditure less grants and loans to public corporations plus public corporations' capital expenditure.

Source Central Statistical Office

3.7

Stock of dwellings
Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ³
Estimated annual gains and losses (Thousands)											
Gains: New construction	303.3	279.8	244.5	235.2	199.8	175.0	196.9	207.9	192.1	198.0	202.8
Other	8.8	11.7	11.6	9.5	23.7	13.2	12.0	14.0	13.1	11.3	12.7
Losses: Slum clearance	49.2	39.1	36.3	34.9	58.7	23.6	15.2	11.7	10.8	9.1	10.1
Other	12.2	11.0	13.4	8.3	8.5	10.2	9.3	14.4	11.3	9.4	11.6
Net gain	250.7	241.4	206.4	201.5	156.3	154.4	184.4	195.8	183.1	190.8	193.8
Stock at end of year ¹	20 378	20 620	20 826	21 028	21 184	21 339	21 523	21 719	21 902	22 093	22 287
Estimated tenure distribution at end of year (percentage)											
Owner occupied	54.1	54.7	55.3	56.2	57.1	58.7	59.9	61.1	62.1	63.1	64.1
Rented: From local authorities and new towns	31.7	31.7	31.5	31.2	30.6	29.5	28.7	27.9	27.3	26.6	25.9
From housing associations ²					2.1	2.2	2.2	2.3	2.4	2.4	2.5
From private owners including other tenures	14.2	13.7	13.1	12.7	10.1	9.6	9.2	8.7	8.3	7.9	7.5

Note: For statistical purposes the stock estimates are expressed to the nearest thousand, but should not be regarded as accurate to the last digit.

¹ Estimates of the stock in England are based on data from the 1971 and 1981 Censuses. Those for Wales and Scotland prior to 1981 are based on 1971 Census data and are not strictly comparable with those for later years which are based on 1981 Census data.

² Prior to April 1981, separate estimates for housing associations were not available but were included with those for 'Rented from private owners including other tenures'.

³ Provisional.

Sources Department of the Environment; Welsh Office; Scottish Development Department

3.8

Renovations
Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁵
England											
Local authorities and new towns ¹	37 551	60 871	75 967	77 275	52 931	57 722	85 461	86 612	96 482	133 661	147 437
Housing associations ²	18 789	13 056	17 173	14 676	11 243	17 364	14 513	18 517	11 350	11 832	10 590
Private owners: grants paid ³	56 955	57 578	65 359	74 465	68 941	104 028	219 832	229 107	136 412	113 328	110 376
All	113 295	131 505	158 499	166 416	133 115	179 114	319 806	334 236	244 244	258 821	268 403
Wales											
Local authorities	..	..	..	..	..	..	..	2 390	1 728	2 788	5 886
Housing associations ²	511	237	218	252	694	1 009	993	760	945	907	948
Private owners: grants paid ³	7 017	5 931	6 116	7 342	7 100	10 989	27 323	29 978	17 152	18 571	19 097
All	7 528	6 168	6 334	7 594	7 794	11 998	28 316	33 128	19 825	22 266	25 931
Scotland											
Local authorities and new towns ⁴	56 402	44 770	34 805	22 282	26 065	50 580	40 987	34 280	58 862	70 957	80 787
Housing associations ²	330	1 447	2 703	2 787	1 833	3 422	2 530	1 408	1 108	1 402	1 241
Private owners: grants paid ³	7 051	6 840	8 719	13 420	18 036	23 957	45 498	60 661	46 286	31 398	30 611
All	63 783	53 057	46 227	38 489	45 934	77 959	89 015	96 349	106 256	103 757	112 639
Great Britain											
Local authorities and new towns ^{1, 4}	93 953	105 641	110 772	99 557	78 996	108 302	126 448	123 282	157 072	207 406	234 110
Housing associations ²	19 630	14 740	20 094	17 715	13 770	21 795	18 036	20 685	13 403	14 141	12 779
Private owners: grants paid ³	71 023	70 349	80 194	95 227	94 077	138 974	292 653	319 746	199 850	163 297	160 084
All	184 606	190 730	211 060	212 499	186 843	269 071	437 137	463 713	370 325	384 844	406 973

¹ Work approved in 1977: work completed from 1978 onwards. Figures for new towns are not available from January 1978 to April 1980 inclusive. From 1981 including improvement for sale.

² Work approved under specific housing association legislation. Figures for England and Wales are of work approved in 1977 and completed from 1978 onwards.

³ Including grants paid to housing associations under private owner grant legislation. Figures for England and Scotland from October 1980 and Wales from April 1981 include a small number of grants to both private and public tenants.

⁴ Work approved in Scotland.

⁵ Provisional.

Sources Department of the Environment; Welsh Office; Scottish Development Department

3.9

Slum clearance: dwellings demolished or closed

	1977	1978	1979	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87 ⁵
England and Wales: total¹										
Demolished: In clearance areas	34 134	26 670	23 747	22 516	20 213	14 006	7 111	5 774	5 277	4 606
Elsewhere	3 361	2 614	2 472	3 427	2 435	1 984	2 720	1 984	2 427	1 566
Closed ²	5 970	5 551	4 207	3 031	2 032	759	1 940	1 816	1 399	1 239
Scotland³: total										
Unfit ⁴	5 763	4 307	5 573	5 815	4 975	3 704	1 987	1 736	1 618	1 632
Other ²	5 047	3 739	4 001	4 017	2 710	2 511	1 735	1 040	639	704
	716	568	1 572	1 798	2 265	1 193	252	696	979	928

¹ From 1980/81 slum clearance statistics for England are collected on a financial year basis.

² Less dwellings previously reported closed.

³ Action under the Housing Acts, Town and Country Planning Acts and other specific statutory powers and other action. Unfit houses comprise houses failing to meet the tolerable standard introduced by the Housing (Scotland) Act 1969 and houses dealt with under earlier statutory provisions as being unfit for human habitation.

⁴ Figures from 1979 are for below tolerable standard.

⁵ Provisional.

Sources Department of the Environment; Welsh Office; Scottish Development Department

3.10 Permanent dwellings completed

									Number
United Kingdom					England and Wales				
	Total	For local housing authorities ¹	For private owners	Housing Associations and other ²	Total	For local housing authorities ¹	For private owners	Housing Associations and other ²	
1965	391 234	164 957	217 162	9 115	347 181	133 024	206 246	7 911	
1966	396 009	176 871	208 647	10 491	349 480	142 430	197 502	9 548	
1967	415 455	199 749	204 208	11 498	362 898	159 347	192 940	10 611	
1968	425 835	187 984	226 068	11 783	371 726	148 049	213 273	10 404	
1969	378 324	180 958	185 916	11 450	324 165	139 850	173 377	10 938	
1970	362 226	176 926	174 342	10 958	307 266	134 874	162 084	10 308	
1971	364 475	154 894	196 313	13 268	309 776	117 215	179 998	12 563	
1972	330 936	120 431	200 755	9 750	287 294	93 635	184 622	9 037	
1973	304 637	102 604	191 080	10 953	264 047	79 289	174 413	10 345	
1974	279 582	121 017	145 177	13 388	241 173	99 423	129 626	12 124	
1975	321 936	150 526	154 528	16 882	278 694	122 857	140 381	15 456	
1976	324 769	151 824	155 229	17 716	278 660	124 152	138 477	16 031	
1977	314 093	143 250	143 905	26 938	276 011	121 246	128 688	26 077	
1978	288 603	112 340	152 166	24 097	254 001	96 752	134 578	22 671	
1979	251 816	88 485	144 055	19 276	220 722	77 192	125 306	18 224	
1980	241 657	87 968	131 651	22 038	214 590	78 006	115 841	20 743	
1981	206 542	68 139	118 507	19 896	179 759	58 215	103 929	17 615	
1982	182 027	39 879	128 415	13 733	158 591	33 349	113 280	11 962	
1983	206 513	38 830	151 035	16 648	178 980	31 300	132 886	14 794	
1984	218 343	37 407	163 369	17 567	189 087	31 186	143 074	14 827	
1985	202 912	30 292	159 006	13 614	173 735	24 248	137 617	11 870	
1986	208 095	24 843	170 222	13 030	179 351	20 076	148 308	10 967	
1987	212 652	21 279	178 283	13 090	185 173	16 876	156 919	11 378	
Scotland					Northern Ireland				
	Total	For local housing authorities ¹	For private owners	Housing Associations and other ²	Total	For local housing authorities ¹	For private owners	Housing Associations and other ²	
1965	35 116	26 584	7 553	979	8 937	5 349	3 363	225	
1966	36 029	27 515	7 870	644	10 500	6 926	3 275	299	
1967	41 458	33 222	7 498	738	11 099	7 180	3 770	149	
1968	41 989	32 011	8 720	1 258	12 120	7 924	4 075	121	
1969	42 628	33 932	8 326	370	11 531	7 176	4 213	142	
1970	43 126	34 360	8 220	546	11 834	7 692	4 038	104	
1971	40 783	28 577	11 614	552	13 916	9 102	4 701	113	
1972	31 992	19 593	11 835	564	11 650	7 203	4 298	149	
1973	30 033	17 349	12 215	469	10 557	5 966	4 452	139	
1974	28 336	16 182	11 239	915	10 073	5 412	4 312	349	
1975	34 323	22 784	10 371	1 168	8 919	4 885	3 776	258	
1976	36 527	21 154	13 704	1 669	9 582	6 518	3 048	16	
1977	27 320	14 328	12 132	860	10 762	7 676	3 085	1	
1978	25 759	9 907	14 443	1 409	8 843	5 681	3 145	17	
1979	23 782	7 857	15 175	750	7 312	3 436	3 574	302	
1980	20 611	7 455	12 242	914	6 456	2 507	3 568	381	
1981	20 015	7 065	11 021	1 929	6 768	2 859	3 557	352	
1982	16 429	3 716	11 529	1 184	7 007	2 814	3 606	587	
1983	17 941	3 486	13 178	1 277	9 592	4 044	4 971	577	
1984	18 841	2 633	14 118	2 090	10 415	3 588	6 177	650	
1985	18 376	2 811	14 449	1 116	10 801	3 233	6 940	628	
1986	18 599	2 187	14 832	1 580	10 145	2 580	7 082	483	
1987	17 810	2 639	13 913	1 258	9 669	1 764	7 451	454	

1 Including the Commission for the New Towns and New Towns Development Corporations, the Scottish Special Housing Association, the Northern Ireland Housing Trust and the Northern Ireland Housing Executive.

2 Dwellings provided by housing associations other than the Scottish Special Housing Association and the Northern Ireland Housing Trust and provided or authorised by government departments for the families of police, prison staffs, the armed forces and certain other services.

Sources Department of the Environment; Welsh Office; Scottish Development Department; Department of the Environment (Northern Ireland)

3.11

National Insurance Fund

Years ended 31 March

£ thousand

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Receipts										
Total	13 944 796	15 584 802	17 790 825	21 200 352	22 726 368	24 103 243	25 798 235	27 448 278	29 217 823	31 439 646
Opening balance	3 237 234	3 927 423	4 197 180	4 752 533	5 177 647	4 194 593	4 164 605	4 742 324	5 165 213	5 400 988
Contributions	8 742 376	9 187 766	10 643 821	12 813 167	14 354 078	16 663 862	18 167 156	19 421 971	21 222 636	22 778 266
Consolidated Fund supplement	1 569 251	2 016 974	2 394 600	2 906 900	2 490 200	2 642 891	2 866 800	2 654 055	2 210 245	2 463 600
Income from investments	395 582	452 400	554 940	628 004	608 233	514 038	506 882	533 732	557 951	619 805
Other receipts	353	239	284	99 748	96 210	87 859	92 792	96 196	61 778	176 987
Expenditure										
Total	10 017 373	11 387 622	13 038 292	16 022 705	18 531 775	19 938 638	21 055 911	22 283 065	23 838 672	25 559 765
Total benefits¹	9 612 366	10 940 284	12 534 704	15 263 350	17 676 334	19 073 084	20 220 929	21 333 736	22 929 064	24 611 284
Unemployment	654 962	659 960	680 622	1 328 374	1 758 436	1 550 329	1 544 676	1 623 021	1 637 596	1 787 975
Sickness	606 449	655 222	617 064	618 416	643 782	514 251	267 108	287 455	280 026	190 643
Invalidity	740 308	892 508	1 048 343	1 211 978	1 441 266	1 672 580	1 959 334	2 239 461	2 451 527	2 791 026
Maternity	95 820	125 700	146 300	172 400	180 600	157 100	145 400	166 727	169 820	174 117
Widows' pensions	482 750	523 100	582 700	660 700	715 700	751 204	798 752	812 834	829 160	854 709
Guardians' allowances ²	2 230	2 010	2 010	2 330	2 340	2 240	2 130	1 824	1 542	1 680
Child's special allowance										
Retirement pensions	6 733 047	7 754 282	9 003 744	10 767 868	12 387 182	13 844 825	14 932 644	15 622 324	16 949 265	18 162 400
Death grants	15 554	16 330	16 462	16 641	17 245	17 335	17 132	17 422	18 661	18 842
Injury	51 552	52 620	47 497	46 869	49 173	47 564	7 573	342	—	—
Disablement	195 524	221 132	250 279	289 173	323 517	353 326	379 730	392 235	419 054	453 052
Death	29 720	32 820	36 930	43 120	48 280	52 430	55 550	56 640	60 279	63 163
Pensioners' lump sum payments			97 953	100 381	103 413	104 500	105 500	107 600	107 618	109 660
Other benefits	4 450	4 600	4 800	5 100	5 400	5 400	5 400	5 000	4 516	4 017
Payments in lieu of benefits forgone ³	29 615	32 749	39 946	32 312	26 223	31 176	11 569	10 825	9 775	—
Other payments	6 646	6 053	4 457	4 629	391	287	316	10 736	1 709	7 782
Administration	368 746	408 536	459 185	622 976	732 927	749 321	746 097	833 569	838 124	765 699
Transfers to Northern Ireland				99 438	95 900	84 770	77 000	95 000	60 000	175 000
Accumulated funds	3 927 423	4 197 180	4 752 533	5 177 647	4 194 593	4 164 605	4 742 324	5 165 213	5 379 151	5 879 881

1 The total benefits figure for Northern Ireland in 1984/85 and 1985/86 includes payments in lieu of benefit forgone.

2 Including figures of Child's special allowance for Northern Ireland.

3 Payments to the Post Office, British Telecommunications, Consolidated and Trading Funds, (from 1986/7 Estains payments not shown separately and are included with Sickness Benefit together with Injury Benefit. Estains arrangements were abolished on 25.8.86).

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.12

National Insurance Acts: persons for whom contributions were payable

Persons who paid contributions in a tax year ending April¹

Millions

	Total			Men			Married women			Single, widowed and divorced women		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
Total ²	23.54	23.60	24.01	14.65	14.55	14.66	5.71	5.51	5.66	3.18	3.54	3.70
Class 1 Standard rate	19.61	19.86	20.35	12.88	12.75	12.79	3.75	3.77	4.06	2.98	3.34	3.50
Contracted in	10.06	10.41	10.88	5.98	6.03	6.15	2.28	2.36	2.58	1.79	2.02	2.15
Contracted out	8.57	8.38	8.33	6.28	6.07	5.97	1.29	1.22	1.27	1.00	1.09	1.10
Mixed contracted in/out	0.98	1.07	1.14	0.61	0.65	0.67	0.18	0.19	0.21	0.19	0.23	0.25
Class 1 Reduced rate	1.92	1.69	1.50	—	—	—	1.80	1.59	1.40	0.12	0.11	0.10
Mixed Class 1 Standard and Reduced rate	0.06	0.05	0.06	—	—	—	0.05	0.05	0.05	0.01	0.01	0.01
Class 2	1.59	1.66	1.73	1.47	1.52	1.57	0.08	0.09	0.10	0.05	0.06	0.06
Mixed Class 1 and Class 2	0.25	0.25	0.26	0.22	0.22	0.23	0.02	0.02	0.02	0.01	0.02	0.02
Class 3 ³	0.10	0.09	0.10	0.07	0.07	0.07	0.01	0.01	0.02	0.01	0.01	0.01

1 The tax year commences on 6 April and ends on 5 April of the year following. The years shown at the head of the column refer to the end of the tax year. Persons who paid any contributions at any time in the tax year are shown.

2 Not all figures agree because of rounding.

3 Persons who paid a mixture of Class 3 contributions and others are not included in 'Class 3' but are shown according to the type of the additional contribution.

4 Revised figure.

Source Department of Health and Social Security

3.13

Weekly rates of principal social security benefits

	1978 Nov.	1979 Nov.	1980 Nov.	1981 Nov.	1982 Nov.	1983 Nov.	1984 Nov.	1985 Nov.	1986 July	1987 April	1988 April
Unemployment benefit: ¹											
Men and women	15.75	18.50	20.65	22.50	25.00	27.05	28.45	30.45	30.80	31.45	32.75
Sickness benefit: ¹											
Men and women	15.75	18.50	20.65	22.50	25.00	25.95	27.25	29.15	29.45	30.05	31.30
Invalidity benefit:											
Invalidity pension	19.50	23.30	26.00	28.35	31.45	32.60	34.25	38.30	38.70	39.50	41.15
Invalidity allowance:											
High rate	4.15	4.90	5.45	6.20	6.90	7.15	7.50	8.05	8.15	8.30	8.65
Middle rate	2.60	3.10	3.45	4.00	4.40	4.60	4.80	5.10	5.20	5.30	5.50
Low rate	1.30	1.55	1.75	2.00	2.20	2.30	2.40	2.55	2.60	2.65	2.75
Increase for dependants											
Adult	11.70	14.00	15.60	17.00	18.85	19.55	20.55	23.00	23.25	23.75	24.75
Each Child	6.35	7.10	7.50		7.95	7.60	7.65	8.05	8.05	8.05	8.40
Attendance allowance:											
Higher rate	15.60	18.60	21.65	23.65	26.25	27.20	28.60	30.60	30.95	31.60	32.95
Lower rate	10.40	12.40	14.45	15.75	17.50	18.15	19.10	20.45	20.65	21.10	22.00
Mobility allowance ²	10.00	12.00	14.50	16.50	18.30	19.00	20.00	21.40	21.65	22.10	23.05
Maternity benefit:											
Maternity allowance for insured women	15.75	18.50	20.65	22.50	25.00	25.95	27.25	29.15	29.45	30.05	31.30
Death grant ³	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	..
Guardian's allowance	6.35	7.10	7.50	7.70	7.95	7.60	7.65	8.05	8.05	8.05	8.40
Widow's benefit:											
Widow's pension	19.50	23.30	27.15	29.60	32.85	34.05	35.80	38.30	38.70	39.50	41.15
Widowed mother's allowance	19.50	23.30	27.15	29.60	32.85	34.05	35.80	38.30	38.70	39.50	41.15
Addition for each child	6.35	7.10	7.50	7.70	7.95	7.60	7.65	8.05	8.05	8.05	
Retirement pension: ⁴											
Single person	19.50	23.30	27.15	29.60	32.85	34.05	35.80	38.30	38.70	39.50	41.15
Married couple	31.20	37.30	43.45	47.35	52.55	54.50	57.30	61.30	61.95	63.25	65.90
Non-contributory retirement pension:											
Man or woman	11.70	14.00	16.30	17.75	19.70	20.45	21.50	23.00	23.25	23.75	24.75
Married woman	7.05	8.40	9.80	10.65	11.80	12.25	12.85	13.75	13.90	14.20	14.80
Industrial injuries benefit:											
Injury benefit	18.50	21.25	23.40	25.25	27.75	⁶					
Disablement pension at 100 per cent rate	31.90	38.00	44.30	48.30	53.60	55.60	58.40	62.50	63.20	64.50	67.20
Widow's or widower's pension	20.05	23.85	27.70	30.15	33.40	34.60	36.35	38.85	39.25	40.05	41.15
Increase for dependants: ⁵											
Adult	9.75	11.45	12.75	13.90	15.45	16.70	17.55	18.80	19.00	19.40	20.20
Each child	1.85	1.70	1.25	0.80	0.30	0.15	⁷				

1 Persons under the age of 18 are entitled to the appropriate adult rate.
2 Mobility Allowance was introduced from 1 January 1976 at the £5.00 rate.
3 Death grant is not payable in respect of the death of a person who on 4 July 1948 was aged 65 or over (man) and 60 or over (women). This benefit was abolished from April 1987 and replaced by payments from Social Fund.
4 Retirement pensioners over 80 receive 25p addition.

5 An allowance for one adult dependant is payable, where appropriate, with unemployment benefit, sickness benefit, retirement pension, injury benefit, certain disablement pensions and maternity allowance. Allowances for dependent children are payable with any of these benefits. Changes in these increases take effect from the same date as the main benefit.
6 Injury benefit ceased on 6 April 1983.
7 Child dependency addition was abolished from 24 November 1984.

Source Department of Health and Social Security

3.13

Weekly rates of principal social security benefits

(continued)

£

	1977 Nov.	1978 Nov.	1979 Nov.	1980 Nov.	1981 Nov.	1982 Nov.	1983 Nov.	1984 Nov.	1985 Nov.	1986 July	1987 April	1988 April
Child benefit: All children	1.00	3.00	4.00	4.75	5.25	5.85	6.50	6.85	7.00	7.10	7.25	7.25
Family income supplement ⁸ (maximum awards payable):												
Families with 1 child												
Child under 11	9.50	10.50	13.50	17.00	18.50	21.00	22.00	23.00	25.00	25.30	25.85	38.15
Child 11 – 15	9.50	10.50	13.50	17.00	18.50	21.00	22.00	23.00	25.50	25.80	26.40	43.50
Child 16 and over	9.50	10.50	13.50	17.00	18.50	21.00	22.00	23.00	26.00	26.30	26.90	46.80
Child age 18	–	–	–	–	–	–	–	–	–	–	–	53.45
Increase for each additional child												
Child under 11	1.00	1.00	1.00	1.50	1.50	2.00	2.00	2.00	2.50	2.55	2.60	6.05
Child 11 – 15	1.00	1.00	1.00	1.50	1.50	2.00	2.00	2.00	3.00	3.05	3.15	11.40
Child 16 and over	1.00	1.00	1.00	1.50	1.50	2.00	2.00	2.00	3.50	3.55	3.65	14.70
Child age 18	–	–	–	–	–	–	–	–	–	–	–	21.35
War pension:												
Ex-private (100 per cent assessment)	28.60	31.90	38.00	44.30	48.30	53.60	55.60	58.40	62.50	63.20	64.50	67.20
War widow	22.70	25.30	30.20	35.30	38.45	42.70	44.25	46.55	49.80	50.30	51.35	53.50
Supplementary benefits: ¹⁰												
Weekly scale rate of requirements ¹¹												
Married couple ¹²												
Ordinary rate	23.55	25.25	29.70	34.60	37.75	41.70	43.50	45.55	47.85	48.40	49.35	–
Long-term rate	28.35	31.55	37.65	43.45	47.35	52.30	54.55	57.10	60.00	60.65	61.85	–
Single householder: ¹³												
Ordinary rate	14.50	15.55	18.30	21.30	23.25	25.70	26.80	28.05	29.50	29.80	30.40	–
Long-term rate	17.90	19.90	23.70	27.15	29.60	32.70	34.10	35.70	37.50	37.90	38.65	–
Non-householder aged:												
18 or over												
Ordinary rate	11.60	12.45	14.65	17.05	18.60	20.55	21.45	22.45	23.60	23.85	24.35	–
Long-term rate	14.35	15.95	18.95	21.70	23.65	26.15	27.25	28.55	30.00	30.35	30.95	–
16 – 17												
Ordinary rate	8.90	9.55	11.25	13.10	14.30	15.80	16.50	17.30	18.20	18.40	18.75	–
Long-term rate					18.15	20.05	20.90	21.90	23.00	23.25	23.70	–
Increase for children aged:												
13 – 15	7.40	7.95	9.35	10.90	11.90	13.15	13.70	14.35	15.10	15.30	15.60	–
11 – 12	6.10	6.55	7.70									
5 – 10	4.95	5.30	6.25	7.30	7.90	8.75	9.15	9.60	10.10	10.20	10.40	–
Under 5	4.10	4.40	5.20									
Income Support:												
Personal allowances ¹³												
Single												
aged 16–17	–	–	–	–	–	–	–	–	–	–	–	19.40
aged 18–24	–	–	–	–	–	–	–	–	–	–	–	26.05
aged 25 or over	–	–	–	–	–	–	–	–	–	–	–	33.04
Couple												
both aged under 18	–	–	–	–	–	–	–	–	–	–	–	38.80
one or both 18 or over	–	–	–	–	–	–	–	–	–	–	–	51.45
Lone parent												
aged 16–17	–	–	–	–	–	–	–	–	–	–	–	19.40
aged 18 or over	–	–	–	–	–	–	–	–	–	–	–	
Dependent children and young people												
aged under 11	–	–	–	–	–	–	–	–	–	–	–	10.75
aged 11–15	–	–	–	–	–	–	–	–	–	–	–	16.10
aged 16–17	–	–	–	–	–	–	–	–	–	–	–	19.40
aged 18	–	–	–	–	–	–	–	–	–	–	–	26.05

8 Family credit supercede Family Income Supplement from April 1988.

9 Child aged 16–17.

10 Supplementary pension is paid to people over age 65 (men) or 60 (women).
Supplementary allowance is paid to people below those ages. Persons aged
80 years and over are entitled to a further 25p.

11 Scale rates for normal requirements other than rent.

12 Including couples as man and wife.

13 Including any single person who is directly responsible for rent.

14 In addition to personal allowances a claimant may also be entitled to a
premium(s). The types of premium are family, lone parent, pensioner, higher
pensioner, disability, severe disability and disabled child.

Source Department of Health and Social Security

3.14 National Insurance contributions

Date from	Class 1											Others	
	Lower earnings limit (LEL)		Upper earnings limit (UEL)		Percentage of earnings							Class 2	Class 3
	No contribution liability if earnings are below		Weekly/monthly up to		Standard rate ¹			Reduced rate ²		Employers contribution only ³			
	Weekly	Monthly	Weekly	Monthly	Employee	Employer	Total	Employee	Employer		Total		
	£	£	£	£	%	% ⁴	% ⁴	%	% ⁴	% ⁴	% ⁴	£	£
6 April 1984													
Not contracted out	34.00	147.33	250.00	1 083.33	9.00	11.45	20.45	3.85	11.45	15.30	11.45		
Contracted out (i) (ii)	34.00	147.33	250.00	1 083.33									
(i) on earnings up to LEL plus					9.00	11.45	20.45	3.85	11.45	15.30	11.45		
(ii) on earnings between LEL and UEL					6.85	7.35	14.20	3.85	7.35	11.20	7.35		
Classes 2 and 3												4.60	4.50
6 April 1985													
Not contracted out	35.50	153.83	265.00	1 148.33	9.00	10.45	19.45	3.85	10.45	14.30	10.45		
Contracted out (i) (ii)	35.50	153.83	265.00	1 148.33									
(i) on earnings up to LEL plus					9.00	10.45	19.45	3.85	10.45	14.30	10.45		
(ii) on earnings between LEL and UEL					6.85	6.35	13.20	3.85	6.35	10.20	6.35		
Classes 2 and 3												4.75	4.65

	Class 1											Others		
	Not contracted out				Contracted out								Class 2	Class 3
	Employee		Employer	Employer only ³	Employee		Employer	Employer only						
	Standard ¹	Reduced ²	Standard and reduced	Standard only	Standard	Reduced	Standard and reduced	Standard only						
					Up to LEL ⁵	Over LEL	Up to LEL ⁵	Over LEL	Up to LEL ⁵	Over LEL	Up to LEL ⁵	Over LEL	£	£
	%	%	%	%	%	%	%	%	%	%	%	%		
6 April 1986														
Weekly earnings (£)														
38.00 – 59.99	5.0	3.85	5.0	5.0	5.0	2.85	3.85	5.0	0.9	5.0	0.9			
60.00 – 94.99	7.0	3.85	7.0	7.0	7.0	4.85	3.85	7.0	2.9	7.0	2.9			
95.00 – 139.99	9.0	3.85	9.0	9.0	9.0	6.85	3.85	9.0	4.9	9.0	4.9			
140.00 – 285.00	9.0	3.85	10.45	10.45	9.0	6.85	3.85	10.45	6.35	10.45	6.35			
over 285.00	—	—	10.45	10.45	—	—	—	10.45	10.45	10.45	10.45			
Classes 2 and 3													3.75	3.65
6 April 1987														
Weekly earnings (£)														
39.00 – 64.99	5.0	3.85	5.0	5.0	5.0	2.85	3.85	5.0	0.9	5.0	0.9			
65.00 – 99.99	7.0	3.85	7.0	7.0	7.0	4.85	3.85	7.0	2.9	7.0	2.9			
100.00 – 149.99	9.0	3.85	9.0	9.0	9.0	6.85	3.85	9.0	4.9	9.0	4.9			
150.00 – 295.00	9.0	3.85	10.45	10.45	9.0	6.85	3.85	10.45	6.35	10.45	6.35			
over 295.00	—	—	10.45	10.45	—	—	—	10.45	10.45	10.45	10.45			
Classes 2 and 3													3.85	3.75
6 April 1988														
Weekly earnings (£)														
41.00 – 69.99	5.0	3.85	5.0	5.0	5.0	3.0	3.85	5.0	1.2	5.0	1.2			
70.00 – 104.99	7.0	3.85	7.0	7.0	7.0	5.0	3.85	7.0	3.2	7.0	3.2			
105.00 – 154.99	9.0	3.85	9.0	9.0	9.0	7.0	3.85	9.0	5.2	9.0	5.2			
155.00 – 305.00	9.0	3.85	10.45	10.45	9.0	7.0	3.85	10.45	6.65	10.45	6.65			
over 305.00	—	—	10.45	10.45	—	—	—	10.45	10.45	10.45	10.45			
Classes 2 and 3													4.05	3.95

1 For employees who are under pension age (65 men/60 women), but excluding those married women or widows who are liable for contributions at the reduced rate.

2 For employees who are married women or widows and liable for contributions at the reduced rate.

3 For all employees over pension age. Applicable also to employees who had made other arrangements to pay Class 1 contributions.

4 Includes 2 per cent National Insurance surcharge under the National Insurance Surcharge Act 1976. The employers contribution was raised by a further 1.5 per cent from 2 October 1978 when the surcharge was increased to 3.5 per cent. From 2 August 1982 the surcharge was reduced to 2 per cent, from 6 April 1983 reduced to 1.5 per cent and from 1 August 1983 reduced to 1.0 per cent and reduced to nil from 6 October 1984.

5 From 6 October 1985 LEL £35.50 a week, from 6 April 1986 LEL £38.00 a week, from 6 April 1987 LEL £39.00 a week, from 6 April 1988 LEL £41.00 a week.

Source Department of Health and Social Security

3.15

Social Security Acts: number of persons receiving benefit
United Kingdom
At 31 December

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Persons receiving:											
Unemployment benefit ¹	589	561	503	753	1 206 ¹³	1 041	987	926	901	956	811
Sickness and invalidity benefit ^{2, 3}	1 068	1 180	1 238	1 197	1 156	1 198	1 202	45 ¹⁴	1 098	49	1 168
Maternity grant ⁴	622	638	674	680	587 ¹⁵	670	687	662	776	715	— ¹⁷
Death grant ⁵	581	597	607	606	604	611	14 ¹⁴	13.7 ¹⁴	615	15 ¹⁶	21
Guardians' allowances	5.0	5.0	4.9	4.6	4.4	4.1	3.9	3.3	3.2	2.9	2.7
Widows' benefits ^{6, 7}	500	473	467	15 ⁸	433	426	420	414	398	389	380
National Insurance retirement pensions: ⁷											
Total	8 637	8 785	8 936	9 108	9 291	9 386	9 487	9 528	9 732	9 865	9 944
Males	3 069	3 135	3 199	3 241	3 280	3 280	3 280	3 268	3 353	3 411	3 454
Females	5 568	5 650	5 737	5 866	6 010	6 105	6 208	6 259	6 379	6 455	6 490
Non contributory retirement pensions: ⁷											
Total	78	69	60	56	51	48	45	43	39	42	41
Males	9	7	6	6	6	6	6	6	6	7	7
Females	68	62	54	50	45	42	39	38	34	36	35
Injury benefit ^{3, 9}	47	51	51	43	36	36	30	—	—	—	—
Industrial disablement pensions At 30 September	205	204	202	201	197	194	191	186	191	189	189
Child benefit ^{8, 10}											
Families receiving benefit	7 506	7 390	7 410	7 397	7 352	7 261	7 174	7 097	7 034	6 979	216
Family income supplement ¹¹	97	89	89	106	143	179	215	218	214	218 ¹⁶	15
Supplementary benefits At November/December	3 106	3 048	2 970	3 247	3 873	4 432	4 524	4 788	4 771	5 158	5 088
War pensions ¹²	397	382	367	355	341	327	314	302	291	275	266

1

Great Britain figures are an average of the four quarters for the year and for Northern Ireland an average of the two six monthly figures. Due to industrial action and figures being unavailable, the Northern Ireland figures for 1985 relate to May only.

2

Average of twelve monthly figures commencing on the first Monday in June up to 1982 and from first Monday in April thereafter. For Northern Ireland average of twelve monthly figures commencing from January. A relatively small number of claims do not result in the payment of benefit but are included here because they indicate notified incapacity for work.

3

Includes overseas cases.

4

Northern Ireland figures are at 31 March. 3 months figures to 5 April 1987 only when benefit was abolished and replaced by a payment from the Social fund.

5

Grants paid in year. This benefit was abolished from April 1987 and replaced by a payment from the Social Fund. No statistics for Great Britain are available after December 1985.

6

Excluding widows' allowances paid during the first twenty-six weeks of widowhood the number of such allowances does not exceed 35 000 in a six month period.

7

Northern Ireland figures are at 30 November.

8

Includes overseas cases.

9

Injury benefit was abolished from 6 April 1983 with transitional payments until 3 October 1983.

10

From April 1977 child benefit replaced family allowance.

11

Northern Ireland figures are at 1 December.

12

Great Britain only.

13

February 1981 data for Great Britain only, due to industrial action.

14

Northern Ireland only. Great Britain data not available due to industrial action.

15

Estimated.

16

Great Britain figure only. Great Britain data for 31 December not yet available.

17

Payments of Maternity Grant ceased in respect of babies due or born after 5 April 1987. 1986 figures are for year ended 31 March 1987 (only 46 awards of Maternity Grant for Period 1 April 1987 – 5 April 1987).

Sources *Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)*

3.16 Unemployed claimants analysed by benefit entitlement

United Kingdom

	Thousands							
	1980	1981 ¹	1982 ²	1983	1984 ³	1985	1986	1987
	Nov.	Nov.	Nov.	Nov.	Nov.	Nov. ⁴	Nov.	Nov.
Total	1 988	111	2 985	3 006	3 119	3 023	3 170	2 508
Flat-rate benefit payable—total	984	42	1 013	938	926	872	955	676
Flat-rate benefit only	405	21	742	709	723	679	768	549
Flat-rate benefit and earnings-related supplement ²	412	13	—	—	—	—	—	—
Flat-rate benefit, earnings-related supplement and supplementary allowance ²	48	2	—	—	—	—	—	—
Flat-rate benefit and supplementary allowance	119	6	271	229	203	193	187	127
Supplementary allowance only	709	64	1 499	1 685	1 773	1 690	1 715	1 407
No flat-rate benefit or supplementary allowance ³	295	5	473	383	420	461	500	425
Males								
Total	1 427	77	2 182	2 118	2 161	2 074	2 179	1 861
Flat-rate benefit payable—total	705	25	702	613	577	541	596	442
Flat-rate benefit only	245	10	463	414	402	375	435	331
Flat-rate benefit and earnings-related supplement ²	311	8	—	—	—	—	—	—
Flat-rate benefit, earnings-related supplement and supplementary allowance ²	44	2	—	—	—	—	—	—
Flat-rate benefit and supplementary allowance	105	5	239	199	175	166	161	111
Supplementary allowance only	522	50	1 156	1 284	1 350	1 281	1 308	1 140
No flat-rate benefit or supplementary allowance ³	200	2	324	221	234	252	275	279
Females								
Total	561	33	803	888	958	949	991	788
Flat-rate benefit payable—total	279	16	311	325	349	331	359	250
Flat-rate benefit only	160	11	279	295	321	304	333	231
Flat-rate benefit and earnings-related supplement ²	101	5	—	—	—	—	—	—
Flat-rate benefit, earnings-related supplement and supplementary allowance ²	4	—	—	—	—	—	—	—
Flat-rate benefit and supplementary allowance	14	1	32	30	28	27	26	19
Supplementary allowance only	187	14	343	401	423	409	407	354
No flat-rate benefit or supplementary allowance ³	95	3	149	162	186	209	225	184

Note: Figures are based on a five per cent sample. For Northern Ireland figures are based on a twenty per cent sample.

- 1 1981 figures are for Northern Ireland only. Due to industrial action 1981 figures for Great Britain are not available.
- 2 Earnings related supplement was abolished from 2 January 1982, but continued in payment for certain transitional cases up to 30 June 1982, when it finally ceased.

3 Prior to November 1978 figures for non-recipients of benefit include non-claimants; from November 1978 only claimants for benefit or credit are included.

4 Figures are for Great Britain only. Due to industrial action November 1985 figures for Northern Ireland are not available.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.17

Sickness and invalidity benefit

Claimants analysed by age and duration of spell
At beginning of June/At end of statistical year¹

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Age at 31 May/31 March ²											
Males											
All durations: All ages	839	891	891	849	834	903	903	840	859	896	913
Under 20	18	24	26	22	14	18	13	7	6	6	7
20–29	83	88	80	73	64	73	65	43	42	42	37
30–39	110	118	99	99	94	102	95	73	72	78	73
40–49	138	144	145	134	132	142	133	123	125	127	128
50–59	244	260	276	255	253	269	272	256	259	270	273
60–64	219	222	224	219	228	246	268	277	279	284	282
65 and over	29	35	41	49	49	53	57	61	76	89	113
Over six months: All ages	408	447	493	502	528	571	613	655	686	726	769
Under 20	1	1	2	2	1	2	2	1	1	1	3
20–29	11	12	13	13	18	17	18	22	22	22	22
30–39	27	33	31	34	39	41	44	45	46	51	53
40–49	55	61	65	67	73	80	84	87	92	93	100
50–59	131	147	171	165	168	179	191	200	206	219	226
60–64	157	160	172	174	181	200	218	240	244	251	253
65 and over	26	33	39	47	48	52	56	60	75	89	112
Females											
All durations: All ages	206	243	254	261	249	297	286	246	258	283	294
Under 20	19	24	19	20	11	14	11	5	5	4	5
20–29	54	62	69	66	56	65	60	39	35	41	41
30–39	29	37	40	43	48	60	53	47	50	53	54
40–49	36	46	47	50	51	63	62	55	61	66	67
50–59	63	71	74	76	77	86	91	91	94	102	109
60 and over	4	5	6	6	6	8	7	10	13	16	18
Over six months: All ages	86	98	106	112	122	140	158	173	188	211	229
Under 20	1	2	2	1	1	1	1	1	1	1	1
20–29	10	10	13	14	15	17	20	20	18	22	24
30–39	11	12	14	17	19	24	26	31	36	39	41
40–49	18	20	21	22	27	33	36	39	43	49	55
50–59	43	50	51	52	55	59	69	72	77	85	90
60 and over	3	4	5	5	5	7	7	8	12	15	18

Note Figures for Great Britain are based on a 2 per cent sample from 1975/76 to 1977/78 and on a 1 per cent sample thereafter. Figures for Northern Ireland are based on a 20 per cent sample.

1 For Great Britain commencing on first Monday in June up to 1982 and first Monday in April thereafter.

2 From 1984 age at 5 April.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.18

Sickness and invalidity benefit¹: days of certified incapacity

Analysis by age at end of period
Years starting on first Monday in June up to 1982 and from first Monday in April thereafter

	Millions										
	1976/77 ¹	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/1987
Males: All ages											
Under 20	6.3	6.9	7.2	6.4	5.0	4.8	4.3	1.6	1.7	1.5	1.6
20–29	27.0	29.2	30.3	26.5	23.5	23.0	20.7	12.3	13.1	12.7	11.1
30–39	34.0	37.1	36.2	34.7	32.4	31.9	30.0	21.5	21.7	23.1	21.7
40–49	43.4	46.0	48.2	45.5	42.3	44.1	42.8	35.6	37.2	37.6	37.7
50–59	73.9	79.5	87.8	81.4	76.9	79.3	80.7	73.5	74.9	80.0	78.2
60–64	64.7	65.6	68.3	67.7	68.4	73.9	79.0	81.6	82.9	85.6	83.5
65 and over	16.1	18.3	20.0	23.1	23.8	23.4	24.1	25.1	31.2	35.2	41.7
Females: All ages											
Under 20	6.2	6.9	7.1	6.4	4.6	4.0	3.4	1.3	1.4	1.1	1.0
20–29	19.0	21.0	25.1	23.1	21.7	21.3	20.2	11.5	10.8	12.0	12.1
30–39	8.7	9.8	12.1	13.4	15.2	15.3	17.7	18.0	13.7	15.1	16.0
40–49	11.8	15.2	15.2	15.8	16.9	19.0	20.0	16.4	17.5	19.5	19.8
50–59	20.0	25.7	23.7	24.0	24.7	25.9	28.5	26.4	28.4	29.9	31.0
60 and over	2.3	2.5	2.8	3.2	3.1	3.8	3.8	4.2	5.4	6.2	7.0

See note to Table 3.17.

1 Figures for 1975/76 are not available.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.19

Widow's benefit (excluding widow's allowance¹):

United Kingdom

Number in payment analysed by type of benefit and age of widow

Thousands

	September										
	1977	1978	1979	1980 ²	1981	1982	1983	1984 ³	1985	1986	1987
All widow's benefit (excluding widow's allowance)											
All ages	486	473	467	15	433	426	420	414	398	389	380
Under 30	3	3	3	—	3	3	3	3	3	2	2
30–39	17	17	17	1	18	18	19	19	18	18	17
40–49	78	77	75	3	70	71	69	68	66	65	64
50–59	309	316	320	9	293	289	283	279	266	260	253
60 and over	79	61	54	2	50	46	47	46	45	44	44
Widowed mother's allowance – with dependent children											
All ages	99	95	91	5	84	79	75	78	66	61	57
Under 30	3	3	3	—	2	3	3	3	2	2	2
30–39	16	16	16	1	16	17	17	17	16	16	15
40–49	43	42	40	2	36	34	32	33	28	26	25
50–59	35	33	32	2	29	27	24	26	20	17	15
60 and over	2	—	1	—	1	—	1	—	—	—	—
Widowed mother's allowance – without dependent children											
All ages	33	33	33	1	34	35	35	29	32	31	29
30–39	1	1	1	—	1	2	2	2	2	2	2
40–49	9	10	11	—	11	12	12	10	12	11	11
50–59	20	21	21	1	20	21	19	16	17	16	15
60 and over	3	1	1	—	1	1	1	—	1	1	—
Widow's pension											
All ages	243	235	231	7	208	203	203	201	195	189	185
40–49	—	—	—	—	—	—	—	—	—	—	—
50–59	174	179	184	5	165	163	162	161	155	152	148
60 and over	69	55	47	2	43	40	41	40	40	38	38
Age-related widow's pension⁴											
All ages	110	110	111	3	109	109	108	107	107	108	108
40–49	25	25	24	1	24	25	26	26	26	28	28
50–59	80	82	83	2	80	79	77	77	75	75	75
60 and over	5	4	5	—	5	5	5	5	5	5	5

1 This is an especially high rate of benefit which is payable for the first 26 weeks of widowhood, provided that the widow is under pensionable age (age 60) or, if she is over that age, provided that her husband was not entitled to retirement pension.

2 Northern Ireland data only, Great Britain figures not available due to computer error.

3 For 1984 Great Britain data as at March.

4 From 1975 figures for widow's basic pension are included in Age-related widow's pension.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.20

Family allowances/Child benefits¹

At 31 December

Thousands

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Families receiving allowances: total	7 338	7 390	7 409	7 397	7 352	7 261	7 175	7 097	7 035	6 979	6 928
With 1 child	2 787	2 887	2 951	2 987	2 996	2 986	2 979	2 970	2 963	2 962	2 948
2 children ²	3 011	3 032	3 051	3 055	3 048	3 016	2 978	2 939	2 901	2 851	2 817
3 children ²	1 086	1 059	1 032	1 005	977	947	918	898	882	874	871
4 children ²	327	302	278	260	247	234	222	214	213	215	217
5 or more children ²	126	110	98	90	84	79	78	76	76	75	76

1 From April 1977 Family allowance has been replaced by Child benefit which is payable for all children in the family, including the first or only child.

2 Until 1976 including the elder or eldest child for whom no allowance was payable, but excluding children over the age limit.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.21

Contributory and non-contributory retirement pensions
United Kingdom
Numbers in payment analysed by age group¹

Thousands (percentages in italics)

	At 31 December				At 30 November		At 30 September ²				
	1977	1978	1979	1980	1981	1982	1983	1984 ³	1985	1986	1987
Men: Total all ages	3 078	3 142	3 205	3 248	3 286	3 286	3 285	3 274	3 359	3 416	3 449
Age groups:											
65 – 69	1 168	1 171	1 171	1 170	1 157	1 130	1 072	1 046	1 066	1 102	1 143
Percentage	37.9	37.3	36.5	36.0	35.2	34.4	32.6	32.0	31.7	32.3	33.1
70 – 74	960	982	1 003	1 019	1 026	1 034	1 043	1 047	1 053	1 046	1 010
Percentage	31.2	31.3	31.3	31.4	31.2	31.5	31.8	32.0	31.4	30.6	29.3
75 – 79	561	587	614	629	653	661	684	688	710	720	723
Percentage	18.2	18.7	19.2	19.4	19.9	20.1	20.8	21.0	21.1	21.1	21.0
80 – 84	259	267	279	289	304	315	334	340	363	376	389
Percentage	8.4	8.5	8.7	8.9	9.3	9.6	10.2	10.4	10.8	11.0	11.3
85 – 89	102	103	105	109	113	113	117	116	127	133	142
Percentage	3.3	3.3	3.3	3.4	3.4	3.4	3.6	3.5	3.8	3.9	4.1
90 and over	28	31	32	32	34	34	35	36	39	40	42
Percentage	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2
Women: Total all ages	5 635	5 712	5 791	5 911	6 057	6 148	6 247	6 297	6 413	6 492	6 529
Age groups:											
60 – 64	879	862	852	945	1 007	1 110	1 210	1 274	1 217	1 195	1 154
Percentage	15.6	15.1	14.7	16.0	16.5	18.1	19.4	20.2	19.0	18.4	17.7
65 – 69	1 426	1 421	1 423	1 417	1 410	1 367	1 293	1 260	1 339	1 412	1 488
Percentage	25.3	24.9	24.6	24.0	23.3	22.2	20.7	20.0	20.9	21.7	22.8
70 – 74	1 327	1 344	1 361	1 358	1 373	1 377	1 378	1 380	1 379	1 369	1 319
Percentage	23.5	23.5	23.5	23.0	22.7	22.4	22.1	21.9	21.5	21.1	20.2
75 – 79	973	1 009	1 040	1 055	1 085	1 095	1 122	1 127	1 149	1 151	1 160
Percentage	17.3	17.7	18.0	17.8	17.9	17.8	18.0	17.9	17.9	17.7	17.8
80 – 84	626	638	658	670	690	701	727	736	768	790	807
Percentage	11.1	11.2	11.4	11.3	11.4	11.4	11.6	11.7	12.0	12.2	12.4
85 – 89	292	314	326	336	348	351	362	365	388	398	415
Percentage	5.2	5.5	5.6	5.7	5.8	5.7	5.8	5.8	6.0	6.1	6.4
90 and over	113	124	130	130	144	146	155	156	171	177	186
Percentage	2.0	2.2	2.2	2.2	2.4	2.4	2.5	2.5	2.7	2.7	2.8

1 Including pensions payable to persons residing overseas.
2 Northern Ireland as at 30 November.

3 For 1984 Great Britain as at 31 March.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.22

Family income supplement¹
United Kingdom
At 31 December

Thousands											
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ⁵	1987
Families receiving supplements:											
total	97	89	89	105	143	179	215	218 ²	214 ²	218	235
Two-parent families: total	58	51	43	51	78	105	133	121 ³	117 ³	128	140
With 1 child	11	9	7	10	15	21	28	26 ³	25 ³	27	30
2 children	16	14	12	15	25	36	47	46 ³	45 ³	50	51
3 children	14	13	12	14	19	26	32	29 ³	28 ³	31	34
4 children	9	8	7	7	11	13	15	13 ³	12 ³	13	16
5 children	5	4	3	3	4	5	6	4 ³	4 ³	5	6
6 or more children	3	3	2	3	3	3	3	2 ³	2 ³	2	3
One-parent families: total	40	38	46	54	65	74	83	82 ³	82 ³	90	95
With 1 child	22	21	24	29	34	40	46	46 ³	46 ³	50	54
2 children	11	10	14	17	21	24	28	27 ³	27 ³	30	31
3 or more children	6	6	7	8	9	9	10	9 ³	9 ³	10	10

1 For weekly rates of Family income supplement see Table 3.13.
2 Provisional.

3 Great Britain only; Northern Ireland data unavailable.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.23

Supplementary benefits: number of beneficiaries receiving weekly payment
 On a day in November/December

	Thousands											
	1976 ¹	1977	1978	1979	1980	1981	1982	1983	1984	1985 ²	1986 ³	1987
All supplementary benefits	3 049	3 106	3 048	2 970	3 247	3 873	4 432	4 524	4 790	4 771	5 122	5 089
All supplementary pensions	1 742	1 794	1 795	1 779	1 750	1 793	1 836	1 705	1 737	1 681	1 768	1 780
Retirement pensioners and national insurance widows over 60	1 639	1 684	1 680	1 675	1 642	1 693	1 747	1 613	1 627	1 575	1 645	1 668
Others over pension age	104	110	115	104	108	101	88	91	111	105	123	112
All supplementary allowances	1 307	1 313	1 255	1 191	1 496	2 080	2 596	2 819	3 052	3 090	3 354	3 309
Unemployed with contributory benefit												
Unemployed without contributory benefit	684	132	97	83	182	242	293	213	208	205	226	169
Sick and disabled with contributory benefit ⁴	80	77	73	58	216	73	90	87	109		119	141
Sick and disabled without contributory benefit	175	164	161	160		160	162	167	179	293	197	228
National insurance widows under 60	30	24	24	21	17	18	22	17	22	16	22	22
One-parent families not included in the above categories ⁵	310	317	330	314	325	379	427	462	507	556	592	648
Miscellaneous	28	26	35	37	39	67	98	178	194	197	210	220

1 Because of industrial action in some unemployment benefit offices at the time of the supplementary benefit annual statistical inquiry, in December 1976, it was not possible to obtain the usual information on unemployed claimants. As a result 1976 figures for unemployed cases, total supplementary allowance and total supplementary benefit cases are estimated.

2 See footnote 1 to table 3.25.

3 Great Britain data is extracted from the Annual Statistical Enquiry undertaken in February 1986.

4 Includes claimants in receipt of severe disablement allowance.

5 Figures relate to one-parent families headed by a man also.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.24

Supplementary benefits
 On a day in November/December

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985 ²	1986 ³	1987
Number of regular weekly payments	3 106	3 048	2 970	3 247	3 873	4 432	4 524	4 790	4 771 ⁴	5 122	5 087
Total number of persons provided for	4 976	4 814	4 576	5 105	6 404	7 388	7 578	8 075	372 ⁵	8 663	8 582
Number of dependants	1 869	1 766	1 607	1 858	2 531	2 956	3 054	3 284	188 ⁵	3 541	3 495
Partners	640	613	587	653	887	1 055	1 070	1 135	53 ⁵	1 180	1 126
Total children under 16 years	1 192	1 116	985	1 165	1 582	1 826	1 901	2 060	127 ⁵	2 250	2 284
Under 5 years	344	318	294	812	1 105	1 272	1 325	1 450	91 ⁵	840	861
5–10 years	482	442	384								
11–12 years	151	148	124	354	477	554	575	609	36 ³	266	258
13–15 years	215	207	183								
Other dependants 16 years and over	36	36	35	39	62	75	84	90	8 ⁵	112	134

1 No detailed supplementary benefit Annual Statistical Inquiry was conducted in 1985.⁶ Some relevant data are available from the December 1985 Quarterly Statistical Inquiry.

2 Great Britain data is extracted from the Annual Statistical Enquiry undertaken in February 1986.

3 UK data.

4 Northern Ireland only.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.25

Supplementary benefits: average weekly amounts of benefit
Great Britain
November or December

	1977	1978	1979	1980	1981	1982 ¹	1983	1984	1985	1986	1987
All supplementary benefits	13.01	13.56	15.48	19.51	25.08	23.58	22.74	25.20	27.63	27.88	29.43
All supplementary pensions	7.65	8.33	9.57	11.91	15.31	10.76	7.59	8.99	10.76	10.73	12.65
Retirement pensioners and national insurance widows over 60	6.83	7.40	8.51	10.63	14.01	9.39	5.98	6.97	8.72	8.55	10.38
Others over pension age	20.83	22.55	27.25	32.13	37.82	38.77	37.09	39.24	41.97	40.39	46.94
All supplementary allowances	20.43	21.17	24.47	28.55	33.64	32.77	32.00	34.52	36.92	37.01	38.58
Unemployed with contributory benefit	9.19	9.40	10.65	15.84	19.88	19.19	15.54	17.15	21.03	19.91	16.80
Unemployed without contributory benefit	22.12	22.95	25.79	29.22	34.71	34.82	33.61	36.58	38.29	38.66	40.29
Sick and disabled with contributory benefit	8.12	8.37	10.04	14.36	16.33	14.45	9.84	11.76	25.48	13.53	14.07
Sick and disabled without contributory benefit	16.29	17.01	20.24	24.26	27.17	26.74	26.74	25.68			
National insurance widows under 60	8.58	8.70	11.07	14.55	17.84	14.59	10.01	9.53	9.70	9.89	12.33
One-parent families not included in other groups ²	27.77	27.03	31.03	38.78	44.45	39.86	37.47	40.06	42.57	42.51	43.77
Miscellaneous	22.54	24.12	28.58	34.18	41.52	41.48	39.65	42.16	43.85	42.68	45.48

Northern Ireland											£
	1977	1978	1979	1980	1981	1982	1983 ⁴	1984	1985 ⁵	1986	1987
All supplementary benefits	13.62	14.35	16.42	20.64	24.58	29.23	25.79	26.12	..	29.65	30.87
All supplementary pensions	6.95	7.84	9.08	10.46	12.82	14.53	9.87	9.14	..	9.98	10.67
Retirement pensioners and national insurance widows over 60	4.93	5.83	6.73	7.97	10.19	11.78	6.74	6.24	..	7.18	7.87
Others over pension age	18.97	20.69	25.27	28.95	32.99	36.84	35.63	34.47	..	34.32	38.09
All supplementary allowances	19.82	20.53	23.45	28.41	31.48	36.61	32.85	33.41	..	37.19	38.63
Unemployed with contributory benefit	6.99	8.00	9.94	16.03	20.66	21.53	15.49	16.05	..	17.35	18.05
Unemployed without contributory benefit	23.90	24.28	27.15	31.39	33.66	38.92	35.93	36.92	..	41.00	42.89
Sick and disabled with contributory benefit	6.35	7.07	8.88	12.72	13.00	15.12	12.54	12.40		14.46	17.25
Sick and disabled without contributory benefit	18.04	19.63	23.18	28.18	30.69	33.56	31.75	31.58	..	40.06	42.41
National insurance widows under 60	4.92	6.11	8.94	9.56	13.55	14.31	9.32	8.88	..	10.51	12.43
One-parent families not included in other groups ²	26.97	25.79	29.35	36.45	40.75	48.08	38.78	39.96	..	43.41	44.51
Miscellaneous	20.86	21.64	24.11	29.41	35.43	41.83	36.93	35.25	..	35.81	39.01

1 From 22 November 1982, the majority of local authority tenants received housing requirements through housing benefit—hence average weekly amounts of benefit have been affected.

2 From 1975 the figures relate to one-parent families headed by a man also.

3 Not available because of estimated figure for unemployed cases—see footnote 1 to Table 3.24.

4 From November 1983 the majority of local authority tenants received housing requirements through housing benefit hence average weekly amounts of benefit have been affected.

5 Northern Ireland data is not yet available.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.26

Supplementary benefits: recipients of regular weekly payments

By household category
On a day in November/December

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985 ²	1986 ³	1985
All cases	3 106	3 048	2 970	3 247	3 873	4 432	4 524	4 790	4 771	4 938	5 087
All householders	2 528	2 504	2 424	2 553	2 968	3 318	3 311	3 506	3 512	3 650	3 812
Lone person	1 353	1 343	1 319	1 380	1 510	1 652	1 708 ⁵	1 833 ⁵		1 977	2 017
Man and wife only	317	318	323	317	368	425	470 ⁵	503 ⁵		510	510
Household includes dependent children but not adults other than spouse	413	399	363	539	1 091	1 245	1 014 ⁵	1 053 ⁵		1 163	1 156
Household includes dependent children and non-dependent adults	96	98	86								
Household includes non-dependent adults but no dependent children	348	344	332								
All other categories	579	544	547	694	902	1 111	1 213	1 285	57 ⁶	1 288	1 268
Living as members of another person's household	477	443	442	578	774	970	1 037	1 034	54 ⁶	998	965
Paying an inclusive charge for board and lodging	25	27	25	31	38	55	77	107	1 ⁶	140	127
Local authority Part III accommodation or other comparable homes	45	47	48	54	53	51	58	79	2 ⁶	120	147
Hospital in-patients	6	7	7	6	5	4	5	4		3	6
Others ⁴	25	18	24	24	31	31	36	60		26	22

1 Great Britain figures estimated see footnote 1 to Table 3.24.

2 See footnote 2 to table 3.25.

3 Great Britain data is extracted from the Annual Statistical Enquiry undertaken in February 1986. Northern Ireland data is not yet available.

4 Mainly persons paying for accommodation only and living in hostels and lodging houses.

5 Great Britain only.

6 Northern Ireland only.

Sources Department of Health and Social Security; Department of Health and Social Services (Northern Ireland)

3.27

War pensions

Estimated number of pensioners
At 31 March in each year

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	407.50	391.65	377.25	362.45	349.36	336.19	323.40	310.34	298.50	287.40	271.72
Disablement—											
1914 war; 1939 war and later service	305.50	294.20	283.45	273.00	263.66	253.86	244.50	234.60	225.90	217.80	207.30
Widows and dependants—											
1914 war; 1939 war and later service	102.00	97.45	93.80	89.45	85.70	82.34	78.90	75.74	72.60	69.60	64.42

Source Department of Health and Social Security

3.28

Hospital and family practitioner services
England and Wales

	Unit	1978	1979	1980	1981	1982	1983	1984	1985		1986		1987		
		England Wales England Wales England Wales England Wales													
Hospital services															
In-patients:															
Average daily number of available beds	Thousands	395	388	383	380	378	372	335	22	326	22	316	22	..	21
Average daily occupation of beds:															
All departments	..	318	311	307	304	298	294	269	18	264	17	255	17	..	16
Psychiatric departments	..	131	129	125	122	119	116	106	6	101	6	96	6	..	6
Persons on waiting lists at 31 December	..	716	726	678	658	787	743	692	40	680	43	676	42	..	41
Discharges or deaths	..	5 700	5 750	6 036	6 135	6 090	6 412	6 178	413	6 354	426	6 414	434	..	449
Day case attendances	..	589	623	706	751	741	851	903	36	963	45	1 050	62	..	77
Out-patients ¹															
New cases	..	17 769	17 873	18 146	18 489	18 782	19 324	18 721	1 092	19 085	1 108	19 299	1 125	..	1 174
Total attendances	..	49 635	49 921	50 994	51 656	51 950	53 068	50 812	3 030	51 244	3 080	51 503	3 113	..	3 164
Staff: at 30 September															
Medical, dental ²	No. (WTE)	33 926	35 184	36 302	37 148	37 745	38 452	36 515	2 420	37 118	2 465	37 505	2 470	37 575	2 184
Professional, technical ^{2,3}	..	60 687	63 758	65 630	69 049	71 258	72 852	72 656	4 466	74 298	4 649	76 083	4 771	..	4 993
Nursing and midwifery ³	..	373 418	381 478	394 445	417 128	422 990	423 106	397 488	26 448	401 151	27 014	402 690	27 187	..	27 764
Administrative: clerical	..	106 637	108 999	111 709	115 179	115 240	116 446	110 304	6 626	111 048	6 787	111 351	6 924	..	7 087
Other non medical ⁴	..	230 244	230 014	231 647	232 956	231 322	226 488	196 533	14 568	183 406	14 406	168 216	13 984	..	13 567
Family practitioner services															
Medical services:															
Doctors on the list ⁵	Number	22 363	22 696	23 184	23 701	24 217	24 719	25 132	25 132	24 035	1 523	24 460	1 549	24 922	1 587
Number of patients per doctor	..	2 302	2 277	2 238	2 193	2 147	2 108	2 080	1 946	2 068	1 914	2 042	1 881	2 020	1 849
Paid to doctors	£ million	412.1	493.3	658.6	776.5	878.5	960.5	1019.4	58.0	1 114.9	63.9	1 195.9	68.6	1 314.4	124.6
Pharmaceutical services:															
Prescriptions dispensed	Million	330.9	328.2	327.0	323.4	335.3	339.9	320.5	25.0	318.7	25.0	322.5	25.1	335.3	26.0
Payments to pharmacists ⁶	£ million	708.3	795.9	966.6	1 103.7	1 268.8	1 405.5	1408.7	104.6	1 517.7	111.6	1 643.2	120.3	1 830.7	133.6
Payment by patients	..	24.2	35.0	62.5	81.3	94.5	102.6	103.3	7.2	114.4	6.8	125.4	7.3	138.1	9.0
Paid out of public funds	..	684.1	760.9	904.1	1 022.4	1 174.3	1 302.8	1 305.4	97.4	1 403.3	104.8	1 517.5	113.0	1 692.6	124.6
Average total cost per prescription	£	2.14	2.43	2.96	3.41	3.78	4.14	4.40	4.19	4.76	4.52	5.09	4.80	5.460	5.13
Dental services:															
Dentists on the list ⁷ at 30 September	Number	12 517	12 750	13 039	13 473	13 936	14 374	14 066	714	14 334	742	14 516	740	14 765	780
Courses of treatment completed and emergency cases ⁸	Thousands	28 428	28 538	30 072	30 502	31 468	32 087	30 971	1 637	31 385	1 667	32 279	1 786	32 108	1 788
Payments to dentists	£ million	263.1	320.2	410.5	478.3	536.5	582.6	604.7	31.2	634.9	32.8	698.7	37.5	772.9	41.9
Payments by patients	..	57.4	66.5	93.8	115.9	141.9	161.0	167.7	7.5	189.7	8.4	216.9	9.8	233.9	10.3
Paid out of public funds	..	205.7	253.7	316.7	362.4	394.6	421.6	437.0	23.7	445.2	24.4	481.8	27.7	539.0	31.6
Average gross cost per course and case	£	9.3	11.2	13.7	15.7	17.0	18.12	19.52	19.07	20.23	19.67	21.64	20.84	24.02	23.91
General ophthalmic services:															
Sight tests, given ⁹	Thousands	8 308	8 593	8 795	8 932	9 192	9 558	9 747	561	10 247	597	10 502	623	..	651
Pairs of glasses dispensed/ vouchers issued	..	4 786	4 975	5 148	5 226	5 200	5 176	4 939	344	3 323	233	2 214	161	..	761
Cost of services (gross)	£ million	73.4	79.5	89.6	103.2	126.7	231.8	157.5	9.9	129.6	9.4	127.4	..	141.6	9.1
Payments by patients	..	26.1	28.4	30.6	33.1	38.9	44.1	44.1	2.8	21.4	2.4	0.9	..	— ¹³	— ¹³
Paid out of public funds:															
For sight testing	..	30.3	33.6	40.8	45.4 ¹¹	87.8 ¹²	187.7 ¹²	79.4	4.7	84.9	5.2	84.6	..	95.7	5.7
For dispensing	..	17.0	17.5	18.2	24.7 ¹¹										
For cost of vouchers ¹⁰								34.0	2.4	23.3	1.8	26.4	..	— ¹³	— ¹³
												15.5	..	45.9	3.4

1 At consultant and general practitioner clinics and accident and emergency departments.

2 Whole-time equivalents (WTE). Excluding locums and general medical practitioners participating in Hospital Staff Fund.

3 Includes hospital and community staff and agency staff.

4 Including works, maintenance, ancillary and ambulance staff.

5 Principals providing unrestricted services as at 1 October.

6 The cost of prescriptions dispensed during the calendar year as certified by the Pricing authorities.

7 All assistants are included.

8 Number scheduled for payment.

9 Number of sight tests paid for by Family practitioner committees in the period and not those carried out.

10 NHS voucher scheme commenced 1 July 1986.

11 England figures contain an element of arrears payments.

12 Figures contain an element of arrears payments.

13 Dispensing fees ceased to be paid and charges payable with the introduction of the voucher scheme.

Sources Department of Health and Social Security; Welsh Office

3.29

Hospital and primary care services
Scotland

	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Hospital services													
In-patients:													
Average allocated staffed beds ¹	Thousands	59.8	59.1	58.8	58.3	57.9	57.9	57.6	57.1	57.2	56.6	56.0	55.3
Average occupied beds: ¹													
All departments	"	50.2	49.8	49.5	48.7	48.4	48.1	47.8	46.7	47.0	46.6	46.0	45.1
Mental and mentally deficient	"	23.0	22.7	22.3	21.8	21.3	21.0	20.7	20.0	20.1	19.8	19.3	18.8
Discharges or deaths ^{1, 2}	"	743	737	749	738	774	793	794	791	810	822	837	843
Out-patients ^{1, 3} :													
New cases	"	1 882	1 920	1 961	1 961	1 999	2 033	2 047	2 042	2 084	2 141	2 196	2 225
Total attendances	"	5 136	5 128	5 183	5 203	5 321	5 434	5 440	5 422	5 589	5 586	5 668	5 670
Medical and dental staff ^{4, 5} :													
Whole-time	Number	4 107	4 220	4 293	4 446	4 456	4 479	4 584	4 657	4 696	4 647	4 545	4 565
Part-time	"	1 245	1 221	1 218	1 280	1 267	1 465	1 362	1 415	1 415	1 428	1 440	1 421
Professional and technical staff ^{4, 6} :													
Whole-time	"	5 816	5 998	6 267	6 680	6 807	7 033	7 113	7 392	7 492	7 591	7 615	7 672
Part-time	"	1 317	1 289	1 244	1 360	1 380	1 417	1 461	1 440	1 465	1 489	1 558	1 672
Nursing and midwifery staff ⁴ :													
Whole-time	"	34 489	34 484	35 368	36 594	37 977	40 218	40 825	41 337	41 080	41 320	41 295	41 388
Part-time	"	23 462	23 030	23 311	23 800	23 974	24 407	24 437	24 115	23 850	23 886	24 390	24 640
Administrative and clerical staff ⁴ :													
Whole-time	"	5 259	5 105	5 027	5 106	5 158	5 310	5 410	5 535	5 591	5 653	5 612	5 726
Part-time	"	1 791	1 846	1 838	1 894	1 927	2 066	2 156	2 285	2 408	2 584	2 716	2 903
Domestic, transport, etc. staff ⁴ :													
Whole-time	"	19 916	19 804	18 970	17 522	17 289	17 235	17 101	16 604	15 568	14 791	14 089	14 062
Part-time	"	14 311	14 535	14 914	14 943	15 209	15 659	16 150	16 310	16 298	16 487	16 913	17 235
Cost of services (gross) ⁷	£ million	456.8	518.5	628.7	749.3	964.3	1 117.9	1 212.6	1 290.2	1 376.1	1 461.5	1 537.4	..
Payments by patients ⁷	"	0.9	0.9	0.8	0.9	1.0	1.2	1.1	1.3	1.2	1.1	1.3	..
Payments out of public funds ⁷	"	455.9	517.6	627.9	748.4	963.3	1 116.7	1 211.5	1 288.9	1 374.9	1 460.4	1 536.1	..
Primary care services													
Medical services													
Doctors on the list ⁸ :													
Principals	Number	2 820	2 839	2 884	2 921	2 959	3 001	3 040	3 106	3 169	3 224	3 271	3 305
Assistants	"	31	40	34	22	28	29	32	31	25	22	21	14
Average number of patients per principal doctor	"	1 928	1 905	1 875	1 857	1 835	1 804	1 778	1 739	1 704	1 668	1 653	1 626
Payments to doctors	£ million	40.4	43.7	49.0	59.3	76.7	90.7	102.2	110.8	123.0	133.4	140.5	1 565
Pharmaceutical services													
Prescriptions dispensed	Million	33.4	33.0	34.5	34.3	34.3	33.9	35.0	35.7	36.4	36.4	36.7	38.34
Payments to pharmacists (gross) ⁹	£ million	56.6	62.8	81.1	90.1	111.1	126.7	144.4	161.1	172.2	180.2	196.2	217.70
Average gross cost per prescription	£	1.695	2.079	2.341	2.625	3.242	3.741	4.128	4.514	4.734	4.951	5.348	5.678
Dental services													
Dentists on list ¹⁰	Number	1 133	1 164	1 188	1 207	1 251	1 294	1 362	1 407	1 449	1 407	1 488	1 515
Number of courses of treatment completed	Thousands	2 363	2 419	2 419	2 460	2 549	2 595	2 672	2 746	2 792	2 857	2 984	2 987
Payments to dentists (gross)	£ million	20.4	22.2	25.0	29.9	36.6	41.4	46.1	50.9	54.8	59.4	68.0	76.2
Payments by patients	"	4.0	5.3	5.8	6.9	9.5	12.0	15.3	17.9	20.1	24.1	28.3	30.3
Payments out of public funds	"	16.4	16.9	19.2	23.0	27.1	29.4	30.8	32.9	34.6	35.3	39.8	45.9
Average gross cost per course	£	8.6	9.2	10.4	12.2	14.3	15.9	17.3	18.5	19.6	20.8	22.7	25.5
General ophthalmic services													
Number of sight tests given	Thousands	714	673	688	722	727	736	761	816	857	918	949	1 022
Number of pairs of glasses supplied ¹¹	"	543	522	489	522	546	552	568	570	604	438	305	338
Cost of services (gross)	£ million	7.0	6.9	7.4	8.7	10.0	12.1	18.3	17.5	17.8	15.7	13.9	15.9
Payments by patients	"	2.6	2.4	2.6	2.6	2.8	3.1	3.6	4.3	4.6	2.1	0.5	—
Payments out of public funds:													
For sight testing and dispensing	"	4.4	4.5	4.8	6.1	7.2	9.0	14.7	13.2	13.2	13.6	13.4	15.9

1 In year to 30 September, from 1984 is to 31 March.

2 Includes transfers out from 1976 onwards.

3 At out-patient and accident and emergency departments.

4 At 30 September.

5 Figures exclude officers holding honorary and locum appointments. Part-time includes maximum part-time and GP hospital appointments.

6 From 1979 onwards, ODAs (Operating Department Assistants) are included in Professional and technical staff; previously ODAs were included in Ancillary

staff.

7 Estimated from financial year figures.

8 At 1 October.

9 For prescriptions dispensed in calendar year by all general practice pharmacists and appliance suppliers.

10 Assistants are excluded.

11 Supply of spectacles restricted from 1 April 1985.

Source Scottish Health Service Common Services Agency

3.30

Hospital and general health services
Northern Ireland

	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Hospital services													
In-patients:													
Beds available ¹	Number	17 236	17 221	17 093	17 126	17 060	17 023	¹⁰	16 976	16 715	16 595	15 962	15 411
Average daily occupation of beds	Per cent	80.6	79.7	79.8	79.9	79.8	78.4	¹⁰	78.1	77.8	78.6	78.2	78.9
Discharges or deaths	Thousands	231	231	237	241	246	249	¹⁰	259	261	274	269	267
Out-patients ² :													
New cases	"	589	592	608	618	628	637	¹⁰	685	720	739	756	770
Total attendances	"	1 589	1 590	1 639	1 670	1 736	1 746	¹⁰	1 893	1 975	2 028	2 025	2 049
General health services													
Medical services													
Doctors (principals) on the list ³	Number	742	734	735	747	764	790	813	838	851	880	908	917
Number of patients per doctor ⁴	"	2 140	2 163	2 189	2 165	2 097	2 032	1 981	1 951	1 925	1 865	1 823	1 835
Payments to doctors	£ thousand	10 401	11 146	12 310	14 392	19 325	22 923	24 854	28 539	30 668	33 860	35 856	38 935
Pharmaceutical services													
Prescription forms dispensed	Thousands	7 458	7 458	7 802	7 809	7 866	7 886	8 077	8 389	8 429	8 319	8 190	8 522
Number of prescriptions	"	11 986	12 162	12 591	12 589	12 682	12 691	13 067	13 593	13 667	13 268	13 224	13 920
Payments to pharmacists (gross)	£ thousand	20 447	25 114	29 326	32 814	40 812	47 699	55 454	61 883	64 349	65 570	70 752	79 662
Payments by patients	"	799	808	831	1 202	2 112	2 596	2 807	2 936	3 082	3 168	3 298	3 577
Payments out of public funds	"	19 648	24 306	28 495	31 612	38 700	45 102	52 646	58 947	61 267	62 401	67 454	76 085
Average gross cost per prescription	£	1.706	2.065	2.329	2.607	3.22	3.76	4.24	4.55	4.71	4.94	5.35	5.72
Dental services													
Dentists on the list ⁵	Number	309	310	309	319	336	342	363	377	394	420	428	437
Number of courses of treatment completed	Thousands	681	680	688	682	726	752	775	812	838	863	890	909
Payments to dentists (gross)	£ thousand	6 798	6 984	8 232	9 788	12 733	14 669	15 333	16 952	18 540	19 458	21 202	24 226
Payments by patients	"	806	925	1 067	1 250	1 781	2 252	2 679	3 034	3 384	3 796	4 517	5 156
Payments out of public funds	"	5 993	6 058	7 166	8 539	10 952	12 417	12 654	13 917	15 156	15 663	16 686	19 071
Average gross cost per course	£	10.0	10.3	12.0	14.3	17.5	19.5	19.8	20.9	22.1	22.5	23.8	26.7
Ophthalmic services													
Number of sight tests given ⁶	Thousands	149	154	158	162	170	168	161	207	203	219	226	236
Number of optical appliances supplied	"	135	129	132	135	146	144	143	168	167	115	52 ¹¹	5 ¹¹
Cost of service (gross) ⁷	£ thousand	1 429	1 786	1 902	2 146	2 688	3 085	3 315	6 242	4 892	4 287	3 789	4 484
Payments by patients	"	584	552	620	655	716	756	908	1 210	1 244	524	32	0.40
Payments out of public funds	"	845	1 234	1 281	1 491	1 971	2 329	2 407	5 031	3 648	3 763	3 758	4 425
Health and social services⁸													
Medical and dental staff													
Whole-time	Number	1 483	1 585	1 711	1 810	1 864	1 874	1 935	1 988	2 044	2 027	2 040	2 065
Part-time	"	706	721	711	726	725	697	661	660	680	692	704	720
Nursing and midwifery staff													
Whole-time	"	12 439	12 912	13 269	13 523	14 082	14 971	15 391	15 376	15 288	15 058	14 846	14 634
Part-time	"	4 121	4 242	4 676	5 288	5 704	5 857	5 811	5 722	5 554	5 549	5 718	5 941
Administrative and clerical staff													
Whole-time	"	3 990	4 171	4 416	4 586	4 661	4 786	4 833	4 933	5 003	5 079	5 051	5 051
Part-time	"	702	760	867	952	971	1 009	1 071	1 113	1 157	1 208	1 317	1 378
Professional and technical staff													
Whole-time	"	1 786	1 888	2 051	2 080	2 121	2 157	2 172	2 261	2 309	2 334	2 359	2 408
Part-time	"	375	371	397	414	445	437	442	419	448	435	432	437
Social services staff (excluding casual home helps)													
Whole-time	"	2 465	2 751	2 956	3 199	3 402	3 554	3 728	3 717	3 794	3 791	3 850	3 570
Part-time	"	625	708	799	959	1 009	1 086	1 180	1 240	1 284	1 292	1 357	1 382
Ancillary and other staff													
Whole-time	"	8 887	9 218	9 355	9 357	9 432	9 574	9 608	9 279	9 029	8 826	8 424	7 994
Part-time	"	3 755	4 063	4 358	4 535	4 644	4 949	5 174	5 238	5 403	5 516	5 553	5 659
Cost of services (gross)	£ thousand	191 649	215 595	248 848	302 901	381 276	438 533	474 189	507 629	534 928	562 636	597 356	639 861 ⁹
Payments by recipients	"	2 543	3 064	3 564	4 223	4 978	5 924	7 066	7 850	8 689	9 329	9 684	10 315
Payments out of public funds	"	189 106	212 531	245 284	298 677	376 298	432 609	467 123	499 779	526 239	553 307	587 670	629 551

1 Average during year.

2 At out-patient and A & E departments.

3 At 31 September.

4 At 1 July.

5 At 31 December.

6 Excluding sight tests given in hospitals and under the school health service.

7 Figures from 1977 include payments of VAT and superannuation.

8 Manpower figures refer to 31 December. From 1981, figures for medical and dental staff exclude some joint appointees, information for whom is not held on the computer payroll.

9 Figures relate to the cost of the hospital, community health, and personal social services, and have been estimated from financial year data.

10 Data not available due to industrial action.

11 The decrease in figures is due to legislation introduced on 1 July 1985 which allowed the issue of optical appliances by unregistered suppliers under the 'Voucher Scheme'.

3.31

Health and personal social services: manpower summary

Great Britain
At 30 September each year

	Number or whole-time equivalent											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Health service staff and practitioners: total	947 968	952 595	968 733	986 500	1 010 402	1 047 803	1 058 297	1 059 474	1 048 863	1 043 894	1 029 794	..
Regional and area health authorities/boards and boards of governors staff: total	896 385	900 223	915 678	932 034	954 617	990 572	999 975	999 833	987 919	981 930	969 849	..
Medical staff: total	39 214	40 184	41 261	42 648	43 784	44 706	45 351	46 114	46 375	47 040	47 355	47 119
Hospital medical staff: total ¹	35 866	36 781	37 819	39 179	40 290	41 152	41 808	42 558	42 848	43 456	43 784	43 741
Consultant and Senior hospital medical officer with allowance	12 230	12 400	12 726	13 004	13 482	13 777	14 017	14 349	14 699	14 978	15 281	15 512
Associate specialist	1 072	1 069	1 013	1 020	1 039	1 014	1 035	1 019	995	935	884	865
Senior registrar	2 530	2 639	2 688	2 808	2 933	3 046	3 079	3 187	3 142	3 254	3 326	3 322
Registrar	6 165	6 266	6 479	6 613	6 764	6 787	6 995	7 099	7 054	7 014	7 108	7 097
Senior house officer including post registration house officer	8 966	9 325	9 668	10 285	10 590	10 904	11 023	11 137	11 142	11 351	11 228	10 994
Pre-registration house officer	2 824	3 022	3 149	3 291	3 355	3 419	3 411	3 553	3 483	3 518	3 493	3 478
Other staff ²	122	100	91	81	71	66	58	37	89	36	40	54
Hospital Practitioner	15	58	134	165	210	242	251	252	262	257	262	249
Part-time medical officer (clinical assistant)	1 943	1 902	1 871	1 912	1 846	1 898	1 940	1 924	1 982	2 113	2 162	2 170
Community health medical staff ³	3 348	3 403	3 442	3 469	3 494	3 554	3 543	3 557	3 527	3 586	3 571	3 377
Dental staff: total	3 091	3 154	3 235	3 286	3 288	3 360	3 397	3 372	3 350	3 370	3 322	3 168
Hospital dental staff: total ¹	1 212	1 253	1 288	1 350	1 366	1 408	1 440	1 433	1 487	1 498	1 492	1 470
Consultant and Senior hospital dental officer with allowance	398	419	433	452	471	477	485	489	506	508	503	517
Associate specialist	83	86	74	76	91	91	101	103	105	99	103	93
Senior registrar	109	108	112	111	100	108	106	112	98	97	118	121
Registrar	160	175	190	206	204	199	211	210	229	230	223	201
Senior house officer	150	157	174	182	186	196	197	202	218	232	215	236
Dental house officer	158	157	154	170	159	170	180	166	170	171	168	152
Other staff ²	20	16	16	12	10	10	8	5	5	3	4	5
Hospital Practitioner	1	4	7	12	16	15	17	17	15	14	12	13
Part-time medical officer (clinical assistant)	133	131	128	128	130	142	136	128	142	145	146	134
Community health dental staff ³	1 879	1 901	1 948	1 936	1 921	1 952	1 957	1 939	1 863	1 872	1 831	1 697
Nursing and midwifery staff: total ⁴	414 961	415 694	424 304	433 490	448 824	474 497	481 873	483 061	482 215	486 607	487 273	..
Qualified nurses and midwives	213 225	219 900	226 904	233 249	240 462	256 921	265 109	270 736	276 602	284 116	287 715	..
Student and pupil nurses and midwives	98 961	94 939	92 433	91 043	91 983	96 255	97 044	94 167	91 369	86 485	83 148	..
Other nursing and midwifery staff	99 822	99 675	104 154	108 582	115 808	120 991	119 504	118 063	114 200	115 985	116 404	..
Nursing cadets	2 953	1 181	813	616	571	330	216	95	44	21	6	..
Professional and technical (excluding works) staff ⁷	63 539	65 405	68 650	72 097	74 153	77 887	80 299	82 084	86 776	88 839	90 913	..
Works and maintenance staff	30 042	30 493	30 867	31 243	32 166	32 977	32 971	32 650	32 087	31 566	30 973	..
Administrative and clerical staff ^{5, 6}	112 982	113 757	115 107	118 078	120 492	124 426	124 863	126 220	126 652	127 594	128 439	..
Ambulance officers, ambulancemen/women and other ambulance staff	20 170	20 383	20 707	20 223	20 934	21 435	21 590	21 697	21 441	21 595	22 465	..
Ancillary staff ⁷	212 386	211 153	211 547	210 969	210 976	211 284	209 631	204 635	189 023	175 319	159 109	..

1 Whole-time equivalent. Figures exclude locums and general medical practitioners participating in Hospital Staff Fund.

2 Figures include Senior Hospital Medical/Dental Officers (SHMO) without an allowance and other ungraded staff.

3 Whole-time equivalent. Figures exclude locums and occasional seasonal staff.

4 Excluding agency nursing and midwifery staff.

5 Figures exclude ambulance officers.

6 Includes Family Practitioner Service administrative and clerical staff and General Managers.

7 From 1 April 1984, Operating Department Assistants (ODAs) were transferred from Ancillary to Professional and Technical 'B' Staffs Council. Therefore figures for these staff groups prior to September 1984 are not comparable with those for September 1984 onwards (accounting for approximately 3000 WTE in September 1984).

Sources Department of Health and Social Security; Scottish Health Service Common Services Agency; Welsh Office

3.31

Health and personal social services: manpower summary

Great Britain

(continued) At 30 September each year

	Number or whole-time equivalent											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Family Practitioner Committee services:												
Practitioners: total	47 439	48 283	48 988	50 310	51 381	52 897	54 136	55 397	56 688	57 755	55 689	..
General medical practitioners ⁸ : total	26 418	26 810	27 227	27 696	28 414	29 252	29 806	30 422	30 976	31 465	31 854	32 422
Unrestricted principals	24 657	24 939	25 245	25 614	26 141	26 702	27 256	27 825	28 299	28 783	29 279	29 808
Restricted principals	323	315	296	276	257	238	227	204	195	184	175	172
Assistants	450	435	391	345	312	315	301	317	300	258	283	260
Trainees	988	1 121	1 295	1 461	1 704	1 997	2 022	2 076	2 182	2 240	2 117	2 182
General dental practitioners: total	13 254	13 564	13 740	13 989	14 316	14 803	15 305	15 769	16 185	16 483	16 744	17 083
Principals	13 015	13 359	13 573	13 845	14 173	14 671	15 181	15 646	16 069	16 375	16 640	16 969
Assistants	239	205	167	144	143	132	124	123	116	108	104	114
Ophthalmic medical practitioners ⁹	948	949	913	918	938	963	957	951	972	981	1 007	..
Ophthalmic opticians ⁹	5 218	5 235	5 246	5 680	5 511	5 540	5 608	5 697	5 830	6 011	6 084 ¹²	..
Dispensing opticians ⁹	1 601	1 725	1 862	2 027	2 200	2 338	2 460	2 558	2 725	2 815	—	..
Dental Estimates Board staff: total	1 611	1 588	1 577	1 565	1 682	1 626	1 603	1 679	1 698	1 691	1 720	..
Professional and technical staff (Ex works)	6	6	1	1	1	1	1	1	1	1	1	..
Administrative and clerical staff	1 557	1 538	1 533	1 521	1 639	1 579	1 556	1 632	1 653	1 647	1 676	..
Ancillary and maintenance staff	48	44	43	43	42	46	46	47	44	43	43	..
Prescription Pricing Authority/ Prescription Pricing Division staff/Welsh Pricing Committee ¹⁰ : total	2 533	2 501	2 490	2 591	2 722	2 708	2 583	2 565	2 558	2 518	2 512	..
Professional technical staff (Ex. works)	..	..	..	..	..	..	..	..	..	..	1	..
Administrative and clerical staff	2 475	2 448	2 434	2 534	2 661	2 645	2 526	2 506	2 499	2 454	2 446	..
Ancillary and maintenance staff	58	53	56	57	61	63	57	58	59	63	65	..
Personal social services staff ¹¹	183 894	187 930	192 160	193 614	199 529	200 945	203 883	209 993	212 856	217 013	224 052 ¹²	..

8 Figures relate to 1 October.

9 Figures relate to 31 December.

10 The Prescription Pricing Authority in England is synonymous with the Prescription Pricing Division in Scotland. Figures for the Prescription Pricing

Division in Scotland relate to 30 November.

11 Figures are for England only.

12 As from 1 July 1986 dispensing opticians no longer perform general ophthalmic services.

Sources Department of Health and Social Security; Scottish Health Service Common Services Agency; Welsh Office

3.32

NHS hospitals: selected diagnoses of in-patients treated in non-psychiatric departments (excluding maternity)
Great Britain*International Classification of Diseases (ICD), Injuries and Causes of Death Ninth Revision (1975), World Health Organisation*

Thousands

	Code numbers	1979	1980	1981	1982	1983	1984	1985	1986 ¹
Diagnostic group									
All causes: total	001–999	4 961.1	5 167.9	5 355.7	5 295.2	5 601.6	5 771.2	6 005.3	..
Males		2 376.4	2 461.4	2 549.5	2 526.7	2 661.4	2 740.9	2 819.8	..
Females		2 584.7	2 706.5	2 806.2	2 768.5	2 940.2	3 030.3	3 185.5	..
Tuberculosis: total	010–018	10.9	10.3	9.2	7.5	7.9	6.3	5.7	..
Males		6.6	6.5	5.7	4.3	4.5	3.6	3.2	..
Females		4.3	3.8	3.5	3.2	3.4	2.7	2.5	..
Malignant neoplasms: total	140–208	417.0	433.8	451.5	460.9	472.3	475.8	482.9	..
Males		211.3	217.4	226.1	233.1	239.8	239.5	245.5	..
Females		205.7	216.4	225.4	227.8	232.5	236.3	237.4	..
Benign and unspecified neoplasms: total	210–239	95.3	96.7	97.8	93.0	99.5	102.5	106.4	..
Males		26.8	27.0	28.6	26.9	28.3	28.7	28.2	..
Females		68.5	69.7	69.2	66.1	71.2	73.8	78.2	..
Endocrine, metabolic and nutritional diseases and immunity disorders: total	240–279	96.9	100.4	101.3	97.5	102.2	100.5	97.0	..
Males		38.1	40.2	40.4	39.7	40.8	40.7	39.9	..
Females		58.8	60.2	60.9	57.8	61.4	59.8	57.1	..
Diseases of nervous system: total	320–359	103.5	109.5	114.9	114.0	119.4	122.2	125.1	..
Males		48.9	52.0	55.0	54.3	56.5	59.1	59.7	..
Females		54.6	57.5	59.9	59.7	62.9	63.1	65.4	..
Diseases of the heart, including rheumatic fever and hypertensive disease: total	390–429	337.1	346.1	359.9	373.7	385.2	401.1	417.2	..
Males		194.4	198.7	206.9	214.8	220.6	230.6	238.9	..
Females		142.7	147.4	153.0	158.9	164.6	170.5	178.3	..
Cerebrovascular disease and other diseases of circulatory system: total	430–459	248.7	262.3	271.3	260.6	285.5	293.5	298.5	..
Males		124.4	128.4	131.1	127.6	138.4	140.6	143.2	..
Females		124.3	133.9	140.2	133.0	147.1	152.9	155.3	..
Diseases of respiratory system: total	460–519	410.4	444.1	459.3	467.2	489.6	507.8	550.1	..
Males		232.8	249.4	260.7	261.3	274.3	283.8	305.2	..
Females		177.6	194.7	198.6	205.9	215.3	224.0	244.9	..
Diseases of digestive system: total	520–579	550.8	578.1	595.8	558.6	600.0	604.2	616.9	..
Males		293.9	310.6	316.6	291.4	315.8	316.1	323.9	..
Females		256.9	267.5	279.2	267.2	284.2	288.1	293.0	..
Diseases of urinary system: total	580–599	96.3	101.5	106.4	110.5	116.9	120.6	126.0	..
Males		52.0	55.8	57.9	62.0	64.2	67.1	55.9	..
Females		44.3	45.7	48.5	48.5	52.7	53.5	70.1	..
Complications of pregnancy, childbirth and puerperium: Females	630–676	157.2	159.1	159.6	159.8	160.1	161.9	162.7	..
Diseases of musculo-skeletal system: total	710–739	239.0	271.8	292.2	277.1	312.8	326.1	334.2	..
Males		107.8	123.1	130.4	123.9	137.7	145.3	148.7	..
Females		131.2	148.7	161.8	153.2	175.1	180.8	185.5	..
Fractures, dislocations and sprains: total	800–848	215.8	209.8	218.7	225.9	228.6	234.6	243.9	..
Males		113.7	108.8	112.0	116.9	116.6	121.3	123.0	..
Females		102.1	101.0	106.7	109.0	112.0	113.3	120.9	..
Other injuries and reactions: total	850–999	419.0	412.4	428.4	423.8	417.0	420.5	421.3	..
Males		237.1	232.5	243.0	241.9	241.1	243.9	244.6	..
Females		181.9	179.9	185.4	181.9	175.9	176.6	176.7	..
Other causes: total		1 563.2	1 632.0	1 689.4	1 665.1	1 804.6	1 893.6	1 966.5	..
Males		688.5	711.0	735.1	728.6	782.8	820.6	845.6	..
Females		874.7	921.0	954.3	936.5	1 021.8	1 073.0	1 120.9	..

1 Figures not yet available.

Sources Department of Health and Social Security; Office of Population Censuses and Surveys; Welsh Office; Scottish Health Service

3.33 Notifications of infectious diseases

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
United Kingdom											
Diphtheria	3	—	—	5	2	4	4	4	4	4	2
Typhoid and paratyphoid fevers	327	353	313	307	277	253	269	219	262	260	215
Scarlet fever	11 903	10 239	10 815	12 936	8 024	8 415	7 609	7 231	7 451	7 881	7 275
Measles	190 374	133 707	93 371	147 938	61 747	105 634	114 945	67 631	104 774	90 207	46 070
Whooping cough	18 729	70 508	33 200	22 873	21 459	70 868	21 589	6 219	24 244	39 939	17 354
Smallpox	—	2	—	—	—	—	—	—	—	—	—
Dysentery	8 332	5 486	4 037	3 595	3 674	3 256	6 039	8 734	6 111	5 096	3 979
Food poisoning	9 639	12 167	13 128	12 021	12 994	17 478	20 486	23 237	20 242	26 645	32 234
Tuberculosis: total	11 172	11 221	10 721	10 486	9 290	8 449	7 792	7 044	6 648	6 856	5 705
Respiratory	8 507	8 357	8 015	7 789	6 817	6 696	6 138	5 579	5 293	5 421	4 514
Other	2 665	2 864	2 706	2 697	2 473	1 906	1 764	1 512	1 404	1 489	1 181
Acute poliomyelitis ¹	18	3	8	3	2	4	5	—	5	4	3
England and Wales²											
Diphtheria	2	—	—	5	2	4	4	4	4	4	2
Typhoid and paratyphoid fevers	296	331	293	290	254	234	259	206	252	239	203
Scarlet fever	10 769	9 169	9 585	11 116	7 148	7 601	6 539	6 327	6 438	6 888	6 439
Measles	173 342	124 064	77 363	139 485	52 975	94 195	103 700	62 079	97 408	82 054	42 165
Whooping cough	17 475	65 956	30 816	21 131	19 395	65 810	19 340	5 517	22 046	36 506	15 203
Smallpox	—	2	—	—	—	—	—	—	—	—	—
Dysentery	6 202	4 332	2 786	2 708	3 398	2 850	5 003	6 844	5 334	4 774	3 617
Food poisoning	7 922	9 739	11 060	10 071	9 925	14 242	17 726	20 702	18 114	23 937	29 331
Ophthalmia neonatorum	239	228	235	278	210	201	208	247	258	298	300
Tuberculosis ³ total	9 520	9 682	9 266	9 142	8 128	7 406	6 800	6 141	5 857	5 992	5 046
Respiratory ⁴	7 121	7 078	6 807	6 670	5 859	5 827	5 317	4 871	4 660	4 758	4 010
Other ⁴	2 399	2 604	2 459	2 472	2 269	1 732	1 593	1 317	1 246	1 288	1 026
Acute poliomyelitis ¹	16	3	8	3	2	2	4	—	4	3	3
Acute encephalitis (infective and post infective)	103	154	79	91	58	71	56	37	39	51	57
Acute meningitis: total	1 339	1 697	1 427	1 796	1 393	1 271	1 226	1 230	1 345	2 172	2 542
Meningococcal	500	500	525	509	464	410	428	401	548	870	1 050
Scotland											
Diphtheria	1	—	—	—	—	—	—	—	—	—	—
Typhoid and paratyphoid fevers	29	20	18	17	20	18	10	13	10	20	11
Erysipelas	94	78	90	99	87	76	75	69	88	111	120
Scarlet fever	821	766	818	1 343	592	552	734	512	649	728	562
Measles	8 626	8 953	10 324	6 646	4 698	10 581	6 193	4 897	4 595	7 073	2 695
Whooping cough	943	3 500	1 885	1 366	1 385	4 224	1 870	271	1 118	2 943	1 588
Smallpox	—	—	—	—	—	—	—	—	—	—	—
Dysentery	2 015	1 076	1 052	854	204	261	871	1 554	512	286	344
Food poisoning	1 563	2 319	1 937	1 836	2 934	3 038	2 632	2 391	1 967	2 436	2 480
Ophthalmia neonatorum	37	33	—	27	38	45	86	87	61	101	56
Puerperal fever and pyrexia	11	10	5	2	9	4	6	6	5	9	5
Tuberculosis total ⁵	1 465	1 322	1 224	1 138	972	902	829	738	707	756	560
Respiratory	1 226	1 093	1 014	943	799	762	692	586	560	578	425
Other	239	229	210	195	173	140	137	152	147	178	135
Acute poliomyelitis ¹	—	—	—	—	—	1	1	—	1	1	—
Cholera	—	—	—	—	—	—	—	3	—	1	—
Northern Ireland											
Diphtheria	—	—	—	—	—	—	—	—	—	—	—
Typhoid and paratyphoid fevers	2	2	2	—	3	1	—	—	—	1	1
Scarlet fever	313	304	412	477	284	262	336	392	364	265	274
Measles	8 406	690	5 684	1 807	4 074	858	5 052	655	2 771	1 080	1 210
Whooping cough	311	1 052	499	376	679	834	379	431	1 080	490	563
Smallpox	—	—	—	—	—	—	—	—	—	—	—
Dysentery	115	78	199	33	72	145	165	336	265	36	18
Food poisoning	154	109	131	114	135	198	128	144	158	272	423
Tuberculosis: total	187	217	231	206	190	141	163	162	83	108	99
Respiratory	160	186	194	176	159	107	129	118	72	85	79
Other	27	31	37	30	31	34	34	44	11	23	20
Acute poliomyelitis ¹	2	—	—	—	—	1	—	—	—	—	—
Acute meningitis	—	—	—	—	—	115	117	182	149	162	102
Acute encephalitis	—	—	—	—	—	5	4	2	1	5	2
Infective hepatitis	—	—	—	—	—	530	252	132	97	153	506
Gastro-enteritis (persons under 2 years of age only)	—	—	—	—	—	560	598	575	606	806	745

1 Including acute polioencephalitis.

2 The figures show the corrected number of notifications, incorporating revisions of diagnosis, either by the notifying medical practitioner or by the medical superintendent of the infectious diseases hospital. Cases notified in Port Health Districts are excluded.

3 Formal notifications of new cases only. The figures from 1982 exclude chemoprophylaxis.

4 From 1982 categories overlap and therefore cases will be included in respiratory and other tuberculosis.

5 Figures include cases of tuberculosis not notified before death.

Sources Office of Population Censuses and Surveys; Scottish Health Service
Common Services Agency; Department of Health and Social Services
(Northern Ireland)

3.34 Deaths due to occupationally related lung disease

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Asbestosis (without mesothelioma)	132	109	102	102	137	128	121	129	140	165
Mesothelioma ²	336	390	434	458	472	504	573	622	615	695
Pneumoconiosis (other than asbestosis)	448	391	391	330	341	314	317	314	324	337
Byssinosis			24	17	26	22	33	24	25	29
Farmer's lung and other occupational allergic alveolitis	18	19	14	9	13	15	15	10	7	15
Total	934	909	965	916	989	983	1 059	1 099	1 111	1 241

¹ The data in this table is derived from death certificates. For asbestosis and mesothelioma, the figure shown is the number of certificates mentioning the disease. For the other diseases the figure is the number of deaths coded to the disease as underlying cause.

² Not all mesothelioma cases are related to occupational exposure to asbestos. The 'natural' rate for mesothelioma is probably about 2 per million per year, equivalent to approximately 100 deaths annually for GB.

Source Health and Safety Executive; Office of Population Censuses Surveys

3.35 Cases of occupational disease awarded benefit under the Industrial Injuries and Pneumoconiosis, Byssinosis and Miscellaneous Diseases benefit schemes

	1978	1979	1980	1981 ⁵	1982 ⁵	1983 ⁵	1984	1985	1986	1987
A. Occupational lung diseases and deafness										
Pneumoconiosis (except asbestosis)	665	725	665	657	611	540	451	468	480	469
Asbestosis	132	135	150	153	185	212	200	301	329	282
Byssinosis	79	76	156 ³	113	135	74	63	37	27	25
Farmer's lung	2	10	14	12	11	8	4	6	11	8
Occupational asthma	— ⁴	— ⁴	— ⁴	— ⁴	105	175	136	170	171	202 ³
Mesothelioma	— ⁴	— ⁴	— ⁴	— ⁴	123	148	201	245	305	399
Lung cancer (asbestos)	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	8	34	55
Lung cancer (nickel)	1	1	2	0	0	1	5	2	3	0
Bilateral pleural thickening	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	61	111	115
Other occupational lung disease	4	5	9	3	9	6	1	2	5	10
Occupational deafness ¹	527	555	661 ³	1 022	680	447 ³	1 443 ³	1 464	1 179	1 381
Total: Occupational lung disease and deafness	1 410	1 507	1 657	2 053	1 859	1 611	2 504	2 764	2 655	2 946
	1977/78 ⁶	1978/79 ⁶	1979/80 ⁶	1980/81 ⁶	1981/82 ⁶	1982/83 ⁶	1983/84 ⁵	1984/85 ⁵	1985/86 ⁵	1986/87 ^{2,5}
B. Other diseases										
Dermatitis	7 651	7 004	5 816	3 960	3 452	2 110	611	619	785	359
Tenosynovitis	3 537	3 259	3 009	2 413	2 282	1 433	337	390	619	289
Vibration white finger	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	— ⁴	3	641	1 066
Heat conditions	952	765	734	621	525	324	131	180	220	43
Viral hepatitis	31	25	32	40	26	24	3	5	9	3
Tuberculosis	72	44	39	32	29	11	6	7	3	9
Leptospirosis	4	2	3	7	1	4	2	0	0	0
Other infections	38	28	11	9	2	3	2	0	1	5
Poisonings	33	37	29	23	30	14	2	4	3	6
Occupational cancers	17	19	21	15	6	5	8	6	12	26
Other conditions	167	130	84	73	55	35	22	15	27	43
Total: Other diseases	12 502	11 313	9 778	7 193	6 408	3 963	1 124	1 229	2 320	1 849

¹ For occupational deafness figures to 1982 are for years ending in June; for 1983 ending December; from 1984, years ending September.

² From October 1986 disablement benefit was paid only for cases with disability assessed at 15% or more.

³ Series affected by widening of prescription rules.

⁴ The following diseases were first prescribed during the period covered by the table:

Occupational asthmas	Benefit first Payable in	{	1952
Lung Cancer (asbestos)			1985
Bilateral pleural thickening			1985
Vibration white finger			1984/85

⁵ Disablement Benefit.

⁶ Injury and Disablement Benefit.

Source Health and Safety Executive; Department of Health and Social Security

3.36

Fatal injuries¹ at work
Standard Industrial Classification 1980

		Number				
		1982	1983	1984	1985	1986/87 ⁸
0	Agriculture, forestry and fishing	66	64	61	75	63
01	Agriculture and horticulture	61	54	56	68	57
02	Forestry	5	9	4	7	6
03	Fishing	—	1	1	—	—
1	Energy and water supply industries	77	54	68	60	37
11	Coal extraction and manufacture of solid fuels	45	31	20	28	19
12	Coke ovens	—	—	1	1	—
13	Extraction of mineral oil and natural gas ²	13	9	13	8	4
14	Mineral oil processing	3	1	1	1	1
15	Nuclear fuels industry ³	..	..	..	..	1
16	Production and distribution of electricity, gas and other forms of energy	11	9	12	19	9
17	Water supply industry	5	4	21	3	3
2	Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals	57	31	61	45	45
21/23	Extraction and preparation of metalliferous ores/extraction of minerals nes.	13	6	18	20	15
22	Metal manufacture	26	11	23	13	10
24	Manufacture of non-metallic mineral products	11	4	15	6	12
25	Chemical industry	6	10	5	6	8
26	Man-made fibres industry	1	—	—	—	—
3	Metal goods, engineering and vehicles industries	52	40	50	46	41
31	Manufacture of metal goods nes.	12	7	14	6	6
32	Mechanical engineering	19	18	18	19	19
33	Manufacture of office machinery and data processing equipment	—	—	—	2	1
34	Electrical and electronic engineering	8	3	5	2	4
35	Manufacture of motor vehicles and of motor vehicles parts thereof	3	6	3	6	3
36	Manufacture of other transport equipment	10	6	10	10	7
37	Instrument engineering	—	—	—	1	1
4	Other manufacturing industries	34	63	37	38	29
41/42	Food, drink and tobacco industry	10	23	10	13	12
43	Textile industry	6	5	4	8	8
44	Leather and leather goods industry	—	—	1	—	1
45	Footwear and clothing industry	1	13	—	—	1
46	Timber and wooden furniture industries	9	9	14	6	2
47	Manufacture of paper and paper products; printing and publishing	6	6	5	7	1
48	Processing of rubber and plastics	1	4	2	2	2
49	Other manufacturing industries	1	3	1	2	2
21–49	Total manufacturing industries	143	134	148	129	115
5	Construction	131	150	124	142	139
6	Distributive trades, hotels and catering; repairs	43	45	42	38	35
7	Transport and communication	57	47	51	53	37
8	Banking and finance, insurance, business services and leasing	3	—	—	1	9
9	Other services	66	78	85	122	49
	Unclassified ⁴	15	24	18	12	17
Total reported to enforcement authorities		601	596	597	628	501
Reported to other authorities under:						
Merchant shipping regulations: ⁵						
(a) Seamen						
		49	19	14	7 ⁷	13 ⁹
(b) Fishermen:						
Deep sea trawlers (over 80 ft. in length) ⁶						
		3	5	2	1 ⁷	..
Other fishing vessels						
		14	22	11	21 ⁷	..
Total fishermen		17	27	13	22 ⁷	19 ⁹
Total merchant shipping, etc. regulations		66	46	27	29 ⁷	32 ⁹
Civil aviation (various legislation)		6	4	3	2 ⁷	4
Total reported to other authorities		72	50	30	31 ⁷	36
Total reported to all authorities		673	646	627	659 ⁷	537

See note and footnotes on page 71.

Sources Health and Safety Executive (HSE); Department of Energy; Department of Transport; Civil Aviation Authority

3.37 Private households with usual residents: Census 1981

Number of families and family type by selected tenures of households in permanent buildings and with no car

Figures are a ten per cent sample

Number of families in household and family type	All households	Selected tenures of households in permanent buildings			With no car
		Owner occupied	Rented		
			From council or new town	Unfurnished	
Great Britain					
All households	1 949 341	1 084 545	607 085	114 553	768 474
Households with no family					
One person	516 171	222 685	174 084	53 066	365 946
Two or more persons	423 980	178 732	152 025	44 603	322 613
	92 191	43 953	22 059	8 463	43 333
Households with one family	1 416 132	852 256	426 900	60 909	397 726
Married couple family	1 252 564	787 622	345 521	52 289	310 261
With no children	498 920	306 319	133 694	31 371	162 350
With at least one dependent child	595 088	387 713	158 577	15 342	117 754
With non-dependent child(ren) only	158 556	93 590	53 250	5 576	30 157
Lone parent family	163 568	64 634	81 379	8 620	87 465
With at least one dependent child	91 582	31 859	49 605	3 825	53 815
With non-dependent child(ren) only	71 986	32 775	31 774	4 795	33 650
Households with two or more families	17 038	9 604	6 101	578	4 802
England and Wales					
All households	1 770 745	1 022 529	509 678	107 279	681 914
Households with no family					
One person	469 089	208 665	148 560	49 763	329 447
Two or more persons	384 915	167 373	129 989	41 836	290 990
	84 174	41 292	18 571	7 927	38 457
Households with one family	1 286 201	804 662	356 095	56 972	348 387
Married couple family	1 139 273	743 572	286 554	48 887	271 792
With no children	458 406	290 246	113 575	29 478	145 770
With at least one dependent child	537 926	364 711	129 228	14 201	100 570
With non-dependent child(ren) only	142 941	88 615	43 751	5 208	25 452
Lone parent family	146 928	61 090	69 541	8 085	76 595
With at least one dependent child	83 057	30 327	43 270	3 613	47 667
With non-dependent child(ren) only	63 871	30 763	26 271	4 472	28 928
Households with two or more families	15 455	9 202	5 023	544	4 080
Scotland					
All households	178 596	62 016	97 407	7 274	86 560
Households with no family					
One person	47 082	14 020	25 524	3 303	36 499
Two or more persons	39 065	11 359	22 036	2 767	31 623
	8 017	2 661	3 488	536	4 876
Households with one family	129 931	47 594	70 805	3 937	49 339
Married couple family	113 291	44 050	58 967	3 402	38 469
With no children	40 514	16 073	20 119	1 893	16 580
With at least one dependent child	57 162	23 002	29 349	1 141	17 184
With non-dependent child(ren) only	15 615	4 975	9 499	368	4 705
Lone parent family	16 640	3 544	11 838	535	10 870
With at least one dependent child	8 525	1 532	6 335	212	6 148
With non-dependent child(ren) only	8 115	2 012	5 503	323	4 722
Households with two or more families	1 583	402	1 078	34	722

Source Office of Population, Censuses and Surveys; General Register Office (Scotland)

Table 3.36

See Note on page 43.

- 1 Includes work related fatalities to employees and non-employees, ie. the self employed and members of the public.
- 2 Includes figures for the oil and gas industry collected under the Mineral Workings (Offshore Installations) Act 1971.
- 3 Included with 51C80. Class 25.
- 4 Mainly local authorities for which an industrial breakdown is not available.
- 5 Includes deaths of the crew on board vessels registered in the United Kingdom from casualties to vessels and accidents on board (excluding

- homicide and suicide) and the presumed deaths of crew members missing at sea for 1980–82 reported under the Merchant Shipping (Returns of Births and Deaths) Regulations. The fatalities reported for 1983–85 are reported under the Merchant Shipping (SORADO) Regulations (SI-1982/876). They are those which occurred on board or on access equipment to all vessels registered in the UK.
- 6 From 1983 this should read 'over 24 metres in length'.
- 7 Provisional.
- 8 Data for year commencing 1st April 1986.
- 9 Calendar year 1986.

3.38 Parliamentary elections

	Thousands											
	23 Feb 1950	25 Oct 1951	26 May 1955	8 Oct 1959	15 Oct 1964	31 Mar 1966	18 June 1970 ¹	28 Feb 1974	10 Oct 1974	3 May 1979	9 June 1983	11 June 1987
United Kingdom												
Number of electors	34 412	34 919	34 852	35 397	35 894	35 957	39 615	40 256	40 256	41 573	42 704	43 666
Average—electors per seat	55.1	55.9	55.3	56.2	57.0	57.1	62.9	63.4	63.4	65.5	65.7	67.2
Number of valid votes counted	28 771	28 597	26 760	27 863	27 657	27 265	28 345	31 340	29 189	31 221	30 671	32 530
As percentage of electorate	83.6	81.9	76.8	78.7	77.1	75.8	71.5	77.9	72.5	75.1	71.8	74.5
England and Wales												
Number of electors	30 177	30 626	30 591	31 109	31 610	31 695	34 931	35 509	35 509	36 695	37 708	38 568
Average—electors per seat	55.1	56.5	55.9	56.9	57.8	57.9	63.9	64.3	64.3	66.5	67.2	68.8
Number of valid votes counted	25 483	25 356	23 570	24 619	24 384	24 116	24 877	27 735	25 729	27 609	27 082	28 832
As percentage of electorate	84.4	82.8	77.0	79.1	77.1	76.1	71.2	78.1	72.5	75.2	71.8	74.8
Scotland												
Number of electors	3 370	3 421	3 388	3 414	3 393	3 360	3 659	3 705	3 705	3 837	3 934	3 995
Average—electors per seat	47.5	48.2	47.7	48.1	47.8	47.3	51.5	52.2	52.2	54.0	54.6	55.5
Number of valid votes counted	2 727	2 778	2 543	2 668	2 635	2 553	2 688	2 887	2 758	2 917	2 825	2 968
As percentage of electorate	80.9	81.2	75.1	78.1	77.6	76.0	73.5	77.9	74.5	76.0	71.8	74.3
Northern Ireland												
Number of electors	865	872	873	875	891	902	1 025	1 042	1 042	1 041	1 061	1 103
Average—electors per seat	72.1	72.5	72.8	72.9	74.2	75.2	85.4	86.8	86.8	86.8	82.4	64.9
Number of valid votes counted	561	463	647	576	638	596	779	718	702	696	765	730
As percentage of electorate	64.9	53.1	74.1	65.8	71.7	66.1	76.0	68.9	67.4	66.9	72.1	66.2
Number of Members of Parliament elected:												
Conservative	297	320	344	364	303	253	330	296	276	339	396	375
Labour	315	295	277	258	317	363	287	301	319	268	209	229
Liberal	9	6	6	6	9	12	6	14	13	11	17	17
Social Democratic Party	—	—	—	—	—	—	—	—	—	—	6	5
Scottish National Party	—	—	—	—	—	—	1	7	11	2	2	3
Plaid Cymru	—	—	—	—	—	—	—	2	3	2	2	3
Other ²	4	4	3	2	1	2	6	15	13	13	18	18

1 The Representation of the People Act 1969 lowered the minimum voting age from 21 to 18 years with effect from 16 February 1970.

2 The Speaker is included in Other.

Sources Home Office; Scottish Home and Health Department; Northern Ireland Office

3.39 Parliamentary by-elections

	June 1970 – Feb 1974	Previous ¹ General Election June 1970	March 1974 – Oct 1974	Previous ¹ General Election Feb 1974	Oct 1974 – May 1979	Previous ¹ General Election Oct 1974	May 1979 – June 1983	Previous ¹ General Election May 1979	June 1983 – June 1987	Previous ¹ General Election June 1983
Number of by-elections	30		1		30		20		31	
Votes recorded										
By party (percentages)										
Conservative	34.2	44.8	11.1	12.2	45.1	34.8	23.8	33.7	16.0	23.3
Labour	40.5	42.2	62.6	66.1	36.6	44.8	25.7	35.2	14.9	14.8
Liberal ²	15.3	6.0	12.5	14.8	10.9	17.3	9.0	8.0	15.0	10.9
Social Democratic Party ²	—	—	—	—	—	—	14.2	—	5.6	3.0
Plaid Cymru	1.2	0.3	—	—	—	—	0.5	0.4	0.3	0.3
Scottish National Party	3.5	1.1	—	—	2.7	2.6	1.7	1.4	—	—
Other	5.4	5.6	13.7	6.9	4.7	0.5	25.1 ³	21.2 ³	48.2 ⁴	47.6 ⁴
Total votes recorded (percentages)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(thousands)	1 028	1 210	15	36	1 058	1 288	715	852	1 235	1 410

1 Votes recorded in the same seats in the previous General Election.

2 The Social Democratic Party was launched on 26 March 1981. An SDP candidate contested a Parliamentary seat for the first time in the by-election held at Warrington on 16 July 1981. From that date, the Liberal and Social Democratic Parties contested 26 by-elections with only one of the parties putting up a candidate in each.

3 The proportions of votes recorded for 'other' is high because three of the 20 by-elections were in Northern Ireland. Two were in the same constituency, Fermanagh and South Tyrone, and as votes recorded at both by-elections have been included, votes recorded for the 1979 General Election have been included twice in the previous General Election column.

4 The proportion of votes recorded for 'other' is high because 15 of the 31 by-elections were in Northern Ireland.

Source Home Office

4 Law enforcement

There are differences in the legal and judicial systems of England and Wales, Scotland and Northern Ireland which make it impossible to provide tables covering the United Kingdom as a whole in this section. These differences concern the classification of offences, the meaning of certain terms used in the statistics, the effects of the several Criminal Justice Acts and recording practices.

Court proceedings and police cautions

The statistical basis of the tables of court proceedings is broadly similar in England and Wales, Scotland and Northern Ireland; the tables show the number of persons found guilty, recording a person under the heading of the principal offence of which he is found guilty, excluding additional findings of guilt at the same proceedings. A person found guilty at a number of separate court proceedings is included more than once. In Scotland not all cases in which a charge is proved lead to a formal conviction or finding of guilt; these cases are those in summary procedure in which the accused receives an absolute discharge or a probation order.

The statistics on offenders cautioned covers only those who, on admission of guilt, were given a formal caution by, or on the instructions of, a senior police officer as an alternative to prosecution; written warnings by the police for motoring offences and persons paying fixed penalties for certain motoring offences are excluded. There are no statistics on cautioning available for Northern Ireland.

For England and Wales from 1979 a new offence classification and tabulation procedure was introduced to reflect the changes in the mode of trial introduced by Part III of the Criminal Law Act 1977 in July 1978. Figures for 1977 and 1978 are given on the new basis to enable comparisons to be made with 1979 to 1983. Indictable offences cover offences for which a defendant may be tried at the Crown Court; summary offences cover offences for which the defendant may only be tried at a Magistrates' Court. Since 29 March 1982 the courts have had the power to suspend between one quarter and three quarters of a sentence of imprisonment of six months for up to two years; from 31 January 1983 Section 30 of the Criminal Justice Act 1982 reduced the minimum period to three months and allowed a minimum of 28 days to be served. Part I of the Criminal Justice Act 1982, with effect from 24 May 1983, abolished borstal training and imprisonment for offenders aged under 21 and introduced youth custody.

Section 45 of the Criminal Justice (Scotland) Act 1980 was implemented on 15 November 1983; this introduced unified custodial sentencing for under 21 offenders and abolished borstal training.

In Northern Ireland non-indictable offences are dealt with at Magistrates' Courts where some indictable offences may also be tried. The majority of indictable offences are, however, tried at Crown Courts. The Crown Court system was introduced in Northern Ireland in April 1979; prior to this date the County Courts and Assizes system was equivalent to the Crown Court in England and Wales.

4.1 Notifiable¹ offences recorded by the police

England and Wales

	Thousands										
	1977	1978	1979	1980 ²	1981 ²	1982 ²	1983 ²	1984 ²	1985 ²	1986 ²	1987 ²
Total	2 636.5	2 561.5	2 536.7	2 688.2	2 963.8	3 262.4	3 247.0	3 499.1	3 611.9	3 847.4	3 892.2
Violence against the person	82.2	87.1	95.0	97.2	100.2	108.7	111.3	114.2	121.7	125.5	141.0
Sexual offences ³	21.3	22.4	21.8	21.1	19.4	19.7	20.4	20.2	21.5	22.7	25.2
Burglary	598.4	560.1	544.0	618.4	718.4	805.4	808.3	892.9	866.7	931.6	900.1
Robbery	13.7	13.1	12.5	15.0	20.3	22.8	22.1	24.9	27.5	30.0	32.6
Theft and handling stolen goods ⁴	1 487.5	1 441.3	1 416.1	1 463.5	1 603.2	1 755.9	1 705.9	1 808.0	1 884.1	2 003.9	2 052.0
Fraud and forgery	120.6	122.2	118.0	105.2	106.7	123.1	121.8	126.1	134.8	133.4	133.0
Criminal damage ³	297.4	306.2	320.5	359.5	386.7	417.8	443.3	497.8	539.0	583.6	589.0
Other offences ^{4, 5}	15.3	9.1	8.8	8.3	8.9	9.0	13.8	15.0	16.7	16.7	19.3

1 These offences were referred to in 1978 and earlier years as 'Indictable offences recorded by the police'.
2 Figures for 1980 onwards are not comparable with those for previous years because of changes to improve the consistency of recording of multiple, continuous and repeated offences.

3 Includes from the beginning of 1983 offences of 'Gross indecency with a child'.
4 Offences of abstracting electricity are included in 'Other offences' up to and including 1977 and in 'Theft and handling stolen goods' from 1978.
5 Includes from the beginning of 1983 offences of 'Trafficking in controlled drugs'.

4.2

Police Forces: authorised establishment and strength

End of year

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales											
Regular police											
Authorised establishment ¹	116 980	117 668	118 322	118 930	120 008	120 125	120 447	120 679	120 903	121 785	122 648
Strength:											
Men	98 935	99 134	102 360	105 563	107 379	108 517	108 519	108 102	107 960	108 225	109 773
Women	7 789	8 477	9 394	10 355	10 702	10 935	10 995	11 001	11 213	11 600	12 492
Seconded ² :											
Men	1 400	1 386	1 477	1 430	1 424	1 419	1 407	1 388	1 439	1 617	1 716
Women	77	78	78	75	70	80	82	82	90	108	121
Additional constables ³ :											
Men	97	85	114	96	90	89	84	83	79	88	70
Women	—	1	2	1	1	1	2	—	1	1	—
Special constables											
Enrolled strength:											
Men	16 923	14 636	13 513	12 438	11 813	11 932	11 743	11 749	11 550	11 140	10 927
Women	2 329	2 316	2 447	2 629	2 791	3 228	3 588	4 307	4 611	4 930	5 282
Scotland											
Regular police ⁴											
Authorised establishment:											
Men	13 144	13 162	13 148	13 187	13 195	13 205	13 261	13 283	13 377	13 489	13 569
Women											
Strength ⁵ :											
Men	11 069	11 477	12 280	12 419	12 379	12 433	12 435	12 415	12 455	12 504	12 470
Women	763	746	786	771	749	719	713	722	761	838	933
Central service ^{5, 6} :											
Men	52	51	56	60	54	55	65	61	69	70	73
Women	3	4	4	5	2	2	2	2	1	2	3
Seconded ^{5, 7} :											
Men	78	72	72	69	78	73	68	67	67	88	85
Women	8	5	3	2	5	4	3	3	3	4	5
Additional regular police											
Authorised establishment ⁴	174	179	126	72	67	62	60	88	88	86	73
Strength	174	176	148	71	66	62	60	88	88	86	73
Part-time auxiliaries ⁸											
Strength:											
Men	3 102	2 974	2 944	2 807	2 612	2 528	2 439	2 250	1 846	1 755	1 561
Women	162	164	184	198	202	208	204	203	200	209	216
Northern Ireland											
Royal Ulster Constabulary											
Strength:											
Men	5 140	5 495	5 938	6 224	6 622	7 017	7 328	7 487	7 610	7 581	7 591
Women	552	615	676	711	712	701	675	640	649	653	645
Royal Ulster Constabulary Reserve Strength:											
Men	3 965	3 904	3 823	4 123	4 350	4 385	4 105	4 102	4 199	4 127	4 319
Women	721	704	690	629	520	455	388	337	309	287	325

1

Total of establishments of individual forces *plus* the Metropolitan Regional Crime Squad and additional constables in the Metropolitan Police.

2

Regional Crime Squads, other inter-force units and officers on central service.

3

Excluding additional constables in the Metropolitan Police Force.

4

From 1976, officers employed at ports, airports and oil related industries are no longer included in 'Regular police' but included in 'Additional regular police'.

5

'Strength' includes central service and seconded police.

6

Instructors at Training Establishments, etc. formerly shown as secondments.

7

Scottish Crime Squad, Officers on courses, etc.

8

Including special constables (enrolled strength).

Sources Home Office; Scottish Home and Health Department; Northern Ireland Office

4.3 Offenders found guilty: by offence group

Magistrates' courts and the Crown Court
England and Wales

Thousands

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Offenders¹ of all ages found guilty											
Total	429.3	414.2	412.3	455.4	464.6	475.1	461.0	449.4	443.9	381.5	386.4
Violence against the person:											
Murder	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Manslaughter	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3
Wounding	40.8	40.8	46.2	50.0	48.7	49.6	49.5	45.8	45.3	40.9	45.6
Other offences of violence against the person	1.5	1.5	1.9	1.9	1.7	1.7	1.6	1.6	1.7	1.5	1.8
Sexual offences	7.0	7.5	7.4	8.0	6.9	6.6	6.4	5.6	6.0	5.5	6.2
Burglary	70.1	69.0	59.1	68.1	76.4	76.5	72.7	72.7	69.4	56.3	54.2
Robbery	3.2	3.4	3.2	3.5	4.1	4.4	4.0	4.3	4.4	4.2	4.4
Theft and handling stolen goods	233.7	226.3	220.6	233.6	232.2	238.7	224.9	219.2	216.3	183.2	175.9
Fraud and forgery	20.8	19.9	20.9	24.9	25.7	24.9	25.6	25.7	25.5	22.8	22.5
Criminal damage	8.9	9.5	9.2	11.4	11.8	11.4	12.1	11.5	11.5	10.1	10.6
Other offences (excluding motoring)	15.0	15.8	21.6	27.9	29.0	31.2	33.4	33.5	34.3	29.1	35.6
Motoring offences	28.0	20.2	21.8	25.7	27.7	29.8	30.5	29.2	29.0	27.5	29.1
Total	1 526.8	1 462.5	1 485.8	1 756.3	1 640.1	1 555.9	1 634.5	1 513.5	1 467.0	1 510.0	1 168.3
Assaults	11.1	11.6	12.4	12.2	11.2	11.1	10.7	11.4	10.5	9.6	10.8
Betting and gaming	1.3	0.7	0.8	0.8	0.5	0.5	0.6	0.3	0.3	0.1	0.1
Breach of local or other regulations	17.2	16.8	16.9	19.2	15.8	14.7	14.4	13.3	12.5	13.0	12.6
Intoxicating Liquor Laws:											
Drunkenness	99.9	98.0	105.6	109.5	97.2	96.4	96.2	60.5	49.2	38.0	42.3
Other offences	7.3	8.0	8.9	8.6	6.5	4.9	4.5	3.5	2.8	3.0	2.7
Education Acts	4.1	3.7	3.5	3.7	3.0	2.9	2.5	2.7	2.9	3.1	2.9
Game Laws	2.1	1.9	1.8	1.7	1.9	1.7	1.9	1.8	1.5	1.4	1.4
Labour Laws	0.8	0.8	0.6	0.4	0.4	0.3	0.2	0.3	0.2	0.2	0.1
Summary offences of criminal damage and malicious damages	31.5	33.3	36.2	38.6	37.8	36.6	38.6	39.0	38.5	34.2	35.4
Offences by prostitutes	3.8	3.7	3.0	3.4	4.1	5.8	10.4	8.6	9.2	9.1	8.2
Railway offences	16.2	15.1	15.0	18.1	17.4	15.4	15.9	13.3	11.9	9.7	8.3
Revenue Laws	94.0	62.2	63.6	83.3	73.6	72.7	107.8	108.7	114.3	121.9	107.4
Motoring offences (summary)	1 122.6	1 088.9	1 079.8	1 294.1	1 210.5	1 128.0	1 161.7	1 083.2	1 052.0	1 066.2	738.1
Vagrancy Acts	4.2	4.2	3.8	3.9	2.9	2.0	1.6	1.3	0.9	0.8	0.9
Wireless Telegraphy Acts	45.2	40.8	33.7	44.7	49.6	61.9	67.5	77.2	80.6	128.6	120.4
Other summary offences	65.5	72.8	100.2	114.2	107.5	100.7	99.7	88.3	79.7	72.8	76.6
Persons aged under 17 found guilty²											
Total	89.0	89.7	81.9	90.3	86.6	81.8	73.3	70.2	63.2	48.0	42.0
Violence against the person	5.7	6.0	6.6	7.4	7.3	7.3	6.7	6.0	5.6	4.4	4.2
Sexual offences	0.7	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
Burglary	29.2	28.8	22.6	25.6	25.8	23.0	21.2	20.7	18.1	12.9	11.0
Robbery	0.9	0.9	0.7	0.8	1.0	1.0	0.8	1.0	0.9	0.8	0.8
Theft and handling stolen goods	47.3	47.8	45.2	48.3	44.6	42.9	38.0	36.1	32.7	25.1	21.4
Fraud and forgery	1.0	1.0	1.0	1.1	1.1	0.9	0.8	0.8	0.8	0.6	0.5
Criminal damage	2.6	2.8	2.6	3.3	3.1	2.8	2.9	2.6	2.4	1.8	1.6
Other offences (excluding motoring)	0.3	0.3	0.5	0.6	0.7	0.7	0.6	0.7	0.6	0.5	0.9
Motoring offences	1.3	1.5	2.0	2.5	2.4	2.5	1.9	1.9	1.6	1.4	1.2
Total	33.7	35.1	34.5	37.8	31.7	28.3	27.1	23.1	19.5	14.6	11.6
Highway Acts and motoring summary offences:											
Offences with pedal cycles	2.2	2.3	2.7	3.1	2.4	2.1	2.2	1.9	1.3	0.7	0.4
Other	13.9	14.4	13.1	15.0	15.5	11.2	10.9	9.1	7.8	7.4	4.5
Breach of local or other regulations	1.0	1.0	1.1	1.4	0.9	0.8	0.8	0.6	0.5	0.4	0.3
Summary offences of criminal damage and malicious damage	6.8	7.0	6.8	7.5	7.1	6.0	6.2	5.3	5.0	3.9	3.1
Railway offences	1.3	1.5	1.6	1.6	0.7	0.7	0.7	0.6	0.4	0.2	0.2
Other summary offences	8.5	8.9	9.2	9.2	5.1	7.5	6.5	5.6	4.5	2.1	3.2

1 Includes 'Companies', etc. (see Tables 4.5 and 4.6).

2 Figures for persons aged under 17 are included in the totals for all offenders above.

Source Home Office

4.4

Offenders cautioned: by offence group

England and Wales

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Offenders ¹ of all ages cautioned											
					Indictable offences						
Total	111.2	103.0	96.8	100.9	103.9	111.3	114.9	124.1	145.4	136.9	149.8
Violence against the person	4.3	4.4	4.7	5.1	5.6	6.5	7.0	7.8	9.0	9.5	11.3
Sexual offences	3.1	3.0	2.8	2.9	2.8	2.7	2.9	2.8	2.9	2.9	3.2
Burglary	12.6	11.1	10.0	11.3	11.5	11.2	12.0	13.5	14.3	12.8	13.0
Robbery	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Theft and handling stolen goods	85.5	79.1	75.0	77.0	79.2	85.9	86.9	92.3	109.0	100.3	106.5
Fraud and forgery	1.5	1.3	1.2	1.4	1.4	1.4	1.6	1.8	2.2	2.7	3.9
Criminal damage	2.0	2.1	2.0	2.0	2.1	1.9	2.4	2.6	3.1	3.0	3.5
Other offences (excluding motoring)	2.1	1.8	1.0	1.1	1.2	1.5	2.1	3.0	4.7	5.5	8.1
					Summary offences						
Total	38.1	38.4	39.7	45.0	50.0	49.2	50.6	66.3	73.3	76.6	86.7
Assaults	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.4	0.6	0.8	0.8
Betting and gaming	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Breach of local or other regulations	1.2	1.1	1.1	1.2	1.3	1.2	1.2	2.1	3.3	3.4	2.0
Intoxicating Liquor Laws:											
Drunkenness	0.6	0.5	0.6	0.7	0.7	0.8	2.1	21.2	26.1	29.2	40.7
Other offences	2.3 ₃	2.4 ₃	2.5 ₃	3.0 ₃	3.0 ₃	2.8 ₃	2.2 ₃	2.0 ₃	2.2 ₃	0.5 ₃	3.3 ₃
Education Acts											
Game Laws	0.2 ₃	0.2 ₃	0.2 ₃	0.1 ₃	0.2 ₃	0.2 ₃	0.2 ₃	0.2 ₃	0.2 ₃	0.2 ₃	0.2
Labour Laws											0.1
Summary offences of criminal damage and malicious damage	6.0	6.1	5.9	7.4	8.5	9.2	10.1	11.2	12.7	13.1	13.1
Offences by prostitutes	3.8	5.4	5.3	6.2	7.9	7.9	7.3	4.9	4.2	4.9	4.7
Railway offences	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4
Revenue Laws	1.6	1.1	1.4	1.2	1.4	1.6	1.4	1.6	1.7	1.6	1.3
Highway Act offences	9.0	8.8	9.8	11.7	14.0	12.4	12.9	10.7	9.2	10.0	5.6
Vagrancy Acts	0.3	0.3	0.2	0.3 ₃	0.2 ₃	0.2 ₃	0.2 ₃	0.3 ₃	0.3 ₃	0.3 ₃	0.6 ₃
Wireless Telegraphy Acts	—	—	—								
Other summary offences	12.8	11.8	12.3	12.7	12.4	12.5	12.7	11.6	12.6	12.4	13.7
Persons aged under 17 cautioned ²											
					Indictable offences						
Total	95.2	87.5	82.2	85.5	87.6	93.0	94.6	99.1	112.5	93.5	95.7
Violence against the person	2.9	2.9	3.1	3.4	3.8	4.4	4.8	5.1	5.7	5.2	5.7
Sexual offences	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.5	1.2	1.3
Burglary	12.2	10.8	9.7	11.0	11.2	10.7	11.5	12.9	13.6	11.7	11.8
Robbery	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Theft and handling stolen goods	75.4	69.2	65.2	66.6	68.2	73.2	73.2	75.6	86.8	70.8	71.1
Fraud and forgery	1.0	0.8	0.8	0.9	0.8	0.8	0.9	0.9	1.1	1.1	1.4
Criminal damage	1.9	2.0	1.9	1.8	1.9	1.8	2.2	2.4	2.8	2.5	2.8
Other offences (excluding motoring)	0.4	0.4	0.1	0.2	0.3	0.4	0.5	0.5	0.8	0.7	1.3
					Summary offences						
Total	16.7	15.9	16.0	18.9	20.6	19.8	20.8	20.8	22.1	20.0	18.7
Highway Acts offences:											
Offences with pedal cycles	4.3	4.3	4.7	5.3	5.4	4.8	5.0	4.2	3.1	2.3	1.6
Other	0.8	0.8	0.7	0.8	1.6	0.8	0.7	0.6	0.7	1.8	0.6
Breach of local or other regulations	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.8	1.0	1.0	0.7
Summary offences of criminal damage and malicious damage	5.3	5.2	5.0	6.5	7.5	8.0	8.7	9.4	10.5	9.7	8.5
Railway offences	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Other summary offences	5.5	4.9	4.9	5.5	5.5	5.4	5.6	5.7	6.7	5.1	7.1

1 Includes 'Companies', etc. (see Tables 4.5 and 4.6).

2 Figures for persons aged under 17 are included in the figures for all offenders above.

3 Less than 50.

Source Home Office

4.5

Offenders found guilty of offences: by sex and age
Magistrates' courts and the Crown Court
England and Wales

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Males											
	Indictable offences										
All ages	356.6	350.5	349.2	386.6	397.9	407.7	397.0	387.4	382.5	331.7	336.4
10 and under 14 years	19.2	18.6	16.1	16.9	15.1	13.6	11.6	10.9	9.1	6.1	4.3
14 and under 17 years	59.7	60.8	56.6	63.5	62.3	59.5	54.4	52.8	48.1	37.7	34.3
17 and under 21 years	89.7	91.5	93.8	106.1	113.9	119.6	115.3	114.0	114.0	98.9	99.9
21 years and over	188.0	179.6	182.7	200.0	206.6	215.1	215.8	209.6	211.3	189.0	198.0
	Summary offences										
All ages	1 364.3	1 294.7	1 314.8	1 547.3	1437.1	1 358.8	1 411.7	1 298.3	1 247.3	1 252.6	972.5
10 and under 14 years	3.2	3.2	3.2	3.2	2.7	2.2	2.2	1.8	1.5	1.0	0.7
14 and under 17 years	28.3	29.7	29.0	32.2	27.0	24.5	23.5	20.0	16.9	12.8	10.4
17 and under 21 years	175.0	181.6	193.0	227.7	215.8	213.2	212.2	192.3	183.1	171.5	148.9
21 years and over	1 157.8	1 080.2	1 089.6	1 284.3	1 191.6	1 118.9	1 173.8	1 084.2	1 045.7	1 067.3	812.6
Females											
	Indictable offences										
All ages	67.7	65.5	62.7	67.8	65.5	66.1	62.7	59.9	59.0	50.0	47.5
10 and under 14 years	2.5	2.3	2.0	2.0	1.8	1.7	1.3	1.0	0.9	0.5	0.3
14 and under 17 years	7.6	8.0	7.2	7.8	7.5	7.0	6.1	5.4	5.0	3.7	3.1
17 and under 21 years	12.6	12.6	13.0	14.7	14.6	15.1	14.8	14.4	14.8	12.7	12.2
21 years and over	45.0	42.6	40.5	43.3	41.6	42.3	40.5	39.0	38.4	33.1	31.9
	Summary offences										
All ages	139.7	144.0	145.9	181.0	175.6	169.4	190.4	183.0	189.3	227.4	175.2
10 and under 14 years	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1
14 and under 17 years	2.1	2.0	2.1	2.2	1.8	1.5	1.4	1.2	1.0	0.7	0.6
17 and under 21 years	11.5	11.8	12.2	14.8	14.7	14.8	16.7	14.9	14.5	14.9	12.4
21 years and over	126.0	130.0	131.5	163.8	158.9	153.1	172.3	166.7	173.8	211.6	162.2
Companies, etc.											
Indictable offences	0.5	0.4	0.4	1.1	1.2	1.3	1.4	2.2	2.3	2.4	2.5
Summary offences	23.7	25.0	25.0	28.0	27.4	29.1	32.4	32.3	30.4	30.0	20.7

1 Less than 50.

Source Home Office

4.6

Offenders cautioned by the police: by sex and age
England and Wales

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Males											
	Indictable offences										
All ages	86.3	79.6	69.1	73.3	75.1	78.5	82.7	91.6	104.2	98.7	111.5
10 and under 14 years	42.2	36.3	31.1	31.9	32.2	31.6	32.0	33.2	34.4	26.3	26.0
14 and under 17 years	33.3	32.7	28.9	31.7	32.6	35.4	37.5	42.1	48.0	43.6	48.0
17 and under 21 years	3.4	3.5	3.0	3.2	3.4	3.8	4.4	5.7	7.5	10.5	14.3
21 years and over	7.4	7.1	6.1	6.5	6.9	7.7	8.7	10.6	14.4	18.3	23.2
	Summary offences										
All ages	24.7	23.4	30.2	33.8	36.8	36.2	38.2	54.6	62.0	64.3	73.8
10 and under 14 years	3.1	2.7	5.1	5.6	6.3	5.9	6.3	6.2	6.1	4.9	4.1
14 and under 17 years	7.3	7.0	9.5	11.4	12.4	12.0	12.4	12.5	13.9	13.2	12.6
17 and under 21 years	2.6	2.7	3.2	3.6	4.5	4.6	4.6	7.0	8.3	10.1	12.1
21 years and over	11.7	11.0	12.4	13.2	13.7	13.7	14.9	28.9	33.8	36.2	45.0
Females											
	Indictable offences										
All ages	30.8	29.4	27.6	27.7	28.8	32.9	32.2	32.4	41.1	38.2	38.3
10 and under 14 years	14.2	13.0	11.9	11.3	11.5	12.8	12.0	10.4	12.5	8.7	7.5
14 and under 17 years	10.7	10.7	10.3	10.6	11.3	13.2	13.1	13.3	17.6	14.9	14.2
17 and under 21 years	0.7	0.7	0.7	0.7	0.8	1.0	1.1	1.6	2.1	3.5	4.2
21 years and over	5.2	5.0	4.7	5.0	5.2	5.9	6.1	7.0	8.9	11.1	12.4
	Summary offences										
All ages	7.5	9.0	9.5	11.1	13.1	13.0	12.4	11.6	11.3	12.2	13.0
10 and under 14 years	0.3	0.2	0.4	0.5	0.5	0.5	0.6	0.6	0.5	0.4	0.4
14 and under 17 years	0.8	0.8	1.0	1.4	1.5	1.4	1.6	1.5	1.6	1.6	1.6
17 and under 21 years	2.2	2.9	2.8	3.3	3.9	3.7	3.1	2.5	2.2	2.6	2.8
21 years and over	4.2	5.1	5.3	5.9	7.3	7.3	7.1	7.0	7.0	7.7	8.2
Companies, etc.											
Indictable offences	—	—	—	1	1	1	1	1	1	1	1
Summary offences	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1

1 Less than 50.

Source Home Office

4.7

Sentence or order passed on offenders sentenced for indictable offences: by sex

Magistrates' courts and the Crown Court

England and Wales

	Percentages									
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Males										
Total number of offenders (thousands) = 100 per cent	350.8	349.5	387.9	399.2	409.6	397.8	387.8	383.0	332.5	336.8
Sentence or order										
Absolute discharge	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Conditional discharge	9.8	9.1	9.3	9.9	10.2	10.5	11.2	11.0	11.3	11.4
Probation order	4.1	4.5	5.0	5.4	5.5	6.0	6.7	7.1	7.7	8.1
Supervision order	3.6	3.6	3.7	3.3	3.1	2.8	2.8	2.7	2.4	2.1
Fine	50.0	49.8	48.1	45.0	44.0	42.8	41.2	39.7	38.9	38.5
Community service order	3.2	3.6	4.7	5.9	6.5	7.5	8.2	8.4	8.6	8.7
Attendance centre order	2.9	2.9	3.2	3.4	3.5	3.6	3.4	3.3	2.8	2.5
Detention centre order	3.2	3.1	3.0	3.2	3.1	2.9	2.8	2.8	2.4	2.2
Care order	1.3	1.0	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2
Borstal training/Youth custody ¹	2.3	2.1	2.1	2.1	2.0	3.6	4.9	5.1	5.1	5.1
Imprisonment										
Fully suspended ²	7.7	7.6	7.4	7.6	7.7	6.7	6.0	6.4	6.6	6.9
Partly suspended ³					0.3	0.9	0.9	0.9	0.8	0.7
Unsusended ⁴	10.3	10.7	10.6	11.3	11.7	10.4	9.7	10.7	11.3	11.8
Other sentence or order	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.3
Females										
Total number of offenders (thousands) = 100 per cent	65.5	62.7	67.8	65.4	66.0	62.7	59.9	59.1	59.1	47.5
Sentence or order										
Absolute discharge	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8
Conditional discharge	19.4	18.8	19.1	20.8	21.7	22.3	23.5	24.5	25.5	26.6
Probation order	11.4	12.6	14.0	14.9	15.2	15.8	16.4	16.7	18.0	18.2
Supervision order	3.6	3.7	3.7	3.5	3.2	2.5	2.4	2.1	1.6	1.4
Fine	53.5	52.0	49.8	46.2	45.0	44.0	41.7	40.0	37.4	35.6
Community service order	1.1	1.4	1.7	1.9	2.3	2.6	3.0	3.0	3.5	3.5
Attendance centre order	—	0.2	0.5	0.7	0.8	0.8	0.7	0.6	0.5	0.4
Detention centre order	—	—	—	—	—	—	—	—	—	—
Care order	1.3	1.0	1.0	0.9	0.6	0.5	0.3	0.3	0.2	0.1
Borstal training/Youth custody ¹	0.5	0.5	0.6	0.4	0.3	0.9	1.4	1.5	1.5	1.4
Imprisonment										
Fully suspended ²	4.9	5.1	5.0	5.3	5.7	5.0	4.9	5.3	5.4	5.5
Partly suspended ³					0.2	0.6	0.7	0.6	0.6	0.7
Unsusended ⁴	2.7	2.9	3.0	3.4	3.5	3.2	3.3	3.7	3.9	4.5
Other sentence or order	0.7	1.0	0.9	0.9	0.9	1.0	1.1	1.0	1.1	1.2

1 Following the Criminal Justice Act 1982, borstal training was abolished with effect from 24 May 1983 and replaced by youth custody.

2 Up until 1982 this was known as Suspended sentence.

3 Introduced on 29 March 1982.

4 Up until 1982 this was known as Immediate imprisonment.

Source Home Office

4.8

Receptions into prison¹: by number of previous convictions

England and Wales

								Number of receptions										
								1977	1978	1979	1980	1981	1982	1983 ^{2,3}	1984	1985	1986	1987
Number of previous convictions:																		
Males:	total							33 906	34 832	36 412	38 016	43 388	46 779	42 716	39 930	43 626	40 004	41 442
	None							2 135	1 936	1 634	1 731	1 518	1 773	1 848	1 765	1 686	2 004	1 655
	1–2 sentences							2 516	2 500	2 484	2 685	3 002	3 164	2 969	2 924	3 394	3 165	3 046
	3–5 sentences							5 401	5 399	5 652	6 092	7 161	7 312	6 104	5 694	6 273	5 727	5 619
	6–10 sentences							9 177	9 470	9 412	9 665	11 152	11 845	10 048	9 009	9 861	8 695	8 427
	11 or more sentences							10 893	11 011	11 340	11 905	13 343	14 057	13 632	13 169	13 835	11 855	11 363
	Previous conviction information not recorded							3 784	4 516	5 890	5 938	7 212	8 628	8 115	7 369	8 577	8 558	11 332
Females:	total							1 839	2 000	2 109	2 265	2 533	2 692	2 349	2 388	2 475	2 374	2 388
	None							231	240	156	155	177	176	271	289	208	300	247
	1–2 sentences							152	149	148	172	234	261	273	252	241	289	258
	3–5 sentences							285	279	293	322	423	445	419	374	347	349	338
	6–10 sentences							279	253	287	331	434	443	401	397	360	327	351
	11 or more sentences							207	189	196	195	267	322	294	265	261	258	242
	Previous conviction information not recorded							685	890	1 029	1 090	998	1 045	691	811	1 058	851	952

1 Receptions into Prison Department custody under sentence of imprisonment without the option of a fine.

2 From 1983 data are not comparable with previous years because of the Criminal Justice Act 1982.

3 Youth custody for offenders aged 15 to 20 replaced imprisonment on 24 May 1983.

Source Home Office

4.9 Receptions and average population in custody

England and Wales

	Number										
	1977	1978	1979	1980	1981	1982 ⁴	1983 ⁴	1984	1985	1986	1987
Receptions											
Type of inmate											
Untried	44 471	39 757	41 394	40 145	47 169	48 474	47 719	51 900	54 718	55 398	59 468 ⁶
Convicted, unsentenced	22 561	21 071	22 565	21 771	24 085	23 268	20 155	18 560	18 523	16 595	15 552 ⁶
Remanded for medical examination ¹	2 220	1 810	2 003	1 760	1 568	1 357	..	..	..	..	..
Others	20 341	19 261	20 562	20 011	22 517	21 911	..	..	..	..	..
Sentenced											
Immediate imprisonment ²	69 898	72 311	74 079	75 896	88 110	94 377	93 414	92 810	96 189	86 153	86 358
Up to 18 months	27 436	28 280	29 981	31 964	37 456	40 978	36 696	34 087	36 048	31 867	81 847
Over 18 months up to 4 years	6 933	7 164	7 114	6 929	7 039	6 849	6 772	6 704	8 101	8 177	9 149
Over 4 years (including life)	1 376	1 388	1 426	1 388	1 426	1 644	1 597	1 527	1 952	2 334	2 834
Imprisoned in default of payment of a fine	16 040	16 442	17 044	15 938	21 153	24 492	23 241	21 761	20 493	19 159	18 723
Youth custody ²	—	—	—	—	—	—	10 411	17 149	18 061	15 707	15 841
Borstal training ²	7 250	7 399	6 912	7 357	7 459	7 219	2 839	—	—	—	—
Detention centre	10 863	11 638	11 602	12 320	13 577	13 195	11 858	11 582	11 534	8 909	7 964
Non-criminal prisoners	6 198	5 882	5 309	4 743	4 735	4 715	4 050	3 683	3 444	3 665	3 353
Immigration Act 1971	1 396	1 305	1 168	1 137	907	963	872	949	1 066	1 422	1 311
Others ³	4 802	4 577	4 141	3 606	3 828	3 752	3 178	2 734	2 378	2 243	2 042
Average population											
Total	41 570	41 796	42 220	42 264 ⁵	43 311	43 707	43 462	43 295	46 234	46 770	48 425
Untried	3 539	3 849	4 019	3 921	4 804	5 362	6 002	7 173	8 133	8 530	9 074
Convicted, unsentenced	1 742	1 782	2 113	1 872	2 101	2 023	1 649	1 514	1 565	1 432	1 551
Remanded for medical examination ¹	145	130	139	129	138	173	118	77	71	46	37
Others	1 597	1 652	1 974	1 743	1 963	1 850	1 531	1 437	1 494	1 385	1 514
Sentenced	35 659	35 561	35 591	35 981	36 022	35 928	35 486	34 320	36 305	36 571	37 530
Imprisonment ²											
Up to 18 months	12 547	12 679	12 729	12 940	13 380	13 857	12 941	10 972	11 302	10 292	9 609
Over 18 months up to 4 years	10 130	9 724	9 788	9 647	9 158	8 966	8 881	7 944	8 501	9 535	10 283
Over 4 years (including life)	5 398	5 576	5 707	5 794	5 643	5 704	5 878	6 311	6 920	7 789	9 076
Youth custody ²	—	—	—	—	—	—	4 389	7 632	8 156	7 857	7 694
Borstal training ²	5 798	5 692	5 464	5 596	5 674	5 288	1 704	—	—	—	—
Detention centre	1 786	1 890	1 903	2 004	2 167	2 113	1 693	1 461	1 426	1 098	869
Non-criminal prisoners	630	604	497	490	384	394	323	288	231	238	271
Immigration Act 1971	221	206	166	166	116	113	141	143	104	132	167
Others ³	409	398	331	324	268	281	183	145	127	107	103

1 Under Section 26, Magistrates' Courts Act 1952 or Section 30, Magistrates' Courts Act 1980.

2 Youth custody for offenders aged 15 to 20 replaced borstal training and imprisonment on 24 May 1983.

3 Mainly persons failing to comply with money orders.

4 From 1983 data are not comparable because of the Criminal Justice Act 1982.

5 Including approved places.

6 Provisional.

Source Home Office

Prison population serving sentences: analysis by age and offence

England and Wales

[illegible]

Source Home Office

4.11 Expenditure on prisons England and Wales Years ended 31 March

£ thousand

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ¹	1984/85	1985/86	1986/87
Manpower costs ²	..	..	..	..	..	..	..	397 558	433 851	451 619	475 871
Manpower related costs ⁶	..	..	..	..	..	..	..	15 182	14 602	14 591	37 035
Establishment related costs	..	..	..	..	..	..	..	64 266	71 712	70 053	63 964
Inmate related costs ⁶	..	..	..	..	..	..	..	52 871	54 583	58 917	40 776
Industries and farms:											
Materials	..	..	..	..	..	..	..	26 471	27 308	25 870	28 931
Income	..	..	..	..	..	..	..	-40 259	-40 556	-41 719	-45 891
Net income	..	..	..	..	..	..	..	-13 788	-13 248	-15 849	-16 960
Other activities	..	..	..	..	..	..	..	17 434	18 086	18 650	17 538
Total establishment operating costs	..	..	..	..	..	..	..	533 523	579 586	597 981	618 224
Headquarter/regional office costs	..	..	..	..	..	..	..	60 395	53 630	62 215	58 131
Total net operating costs³	192 124	215 536	259 195	318 420	404 313	466 509	526 440	593 918	633 216	660 196	676 355
Capital expenditure:											
Expenditure	27 729	26 999	26 071	25 906	33 571	31 915	46 157	59 674	71 210	94 121	121 884
Receipts	-	-	-	-	-	-	-	-16 474	-17 309	-11 088	-11 789
Total net capital expenditure	27 729	26 999	26 071	25 906	33 571	31 915	46 157	43 200	53 901	83 033	110 095
Emergency arrangements ⁵	-	-	-	-	17 220	4 201	-	-	-	-	-
Total net expenditure	219 853	242 535	285 266	344 326	455 104	502 625	572 597	637 118	687 117	743 229	786 450

1 The Prison Department introduced in 1983/84 a costing system designed to provide line managers in the Prison Service with better management and financial information. The present table classifies expenditure in the same way as the costing system but differently from in earlier years. It follows that the accounting records showing expenditure details from 1983/84 onwards are not comparable, except as regards capital expenditure, with those for previous years.

2 'Costs' differ from actual money spent as they include notional charges, ie superannuation and depreciation.

3 Total net operating costs for 1974/75 to 1982/83 have been calculated by adding maintenance, repairs, rentals, etc. costs, shown under capital

expenditure in earlier volumes of the Annual Abstract, to the total net current expenditure for those years. This is consistent with the approach taken in the costing system.

4 Capital expenditure includes Property Services Agency expenditure on behalf of Prison Department.

5 This was the cost of setting up and maintaining camps during the Prison Officers' dispute from October 1980 to February 1981. These costs cannot be attributed to individual groups.

6 Manpower related costs for 1986/87 onwards include Education and Probation Salary costs previously charged to inmate related costs.

Source Home Office

4.12 Crimes and offences recorded by the police Scotland

Thousands

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total crimes and offences	641.3	640.8	674.0	724.7	744.7	762.5	799.6	809.4	800.4	822.4	858.2
Total crimes	363.4	335.0	346.7	364.6	408.2	435.1	448.3	474.9	462.0	463.8	481.2
Non-sexual crimes of violence											
against the person	10.0	9.9	10.0	11.1	12.2	12.1	13.0	13.7	15.1	15.7	18.4
Assault, etc.	3.2	3.4	3.5	4.4	4.5	4.5	5.0	5.3	6.0	6.4	7.6
Handling offensive weapons	1.9	1.8	2.0	2.3	2.9	2.7	3.1	3.0	3.6	3.9	4.7
Robbery	4.2	3.9	3.8	3.7	4.2	4.2	4.2	4.5	4.4	4.1	4.6
Other	0.8	0.9	0.7	0.7	0.6	0.7	0.8	1.0	1.0	1.3	1.5
Crimes involving indecency	4.4	4.7	4.7	5.2	4.8	5.0	5.5	5.7	5.7	5.4	5.3
Sexual assault	1.1	1.3	1.3	1.3	1.3	1.1	1.3	1.5	1.4	1.3	1.4
Lewd and libidinous practices	2.3	2.5	2.4	2.5	2.2	2.3	2.5	2.4	2.6	2.6	2.4
Other	1.0	0.9	1.0	1.5	1.3	1.6	1.8	1.8	1.7	1.5	1.4
Crimes involving dishonesty	290.2	262.6	269.2	279.8	320.0	340.1	342.5	359.2	342.3	342.5	356.5
Housebreaking	91.2	75.7	76.6	78.4	95.7	106.3	108.5	112.1	100.7	96.9	98.6
Theft by opening lockfast places	34.5	32.4	33.5	36.6	47.3	49.2	50.7	51.9	52.1	61.4	69.0
Theft of a motor vehicle	37.3	34.7	35.1	32.2	32.5	33.0	30.0	32.6	29.9	28.0	-
Shoplifting	110.6	103.6	105.9	24.1	22.6	24.3	24.0	24.8	25.4	26.3	-
Other theft	86.2	97.4	101.8	86.2	97.4	101.8	101.5	104.5	99.3	94.9	97.8
Fraud	10.8	10.1	12.0	15.9	16.9	17.2	17.3	19.6	22.3	23.1	23.5
Other	5.8	6.2	6.1	6.3	7.7	8.3	10.5	13.8	12.7	11.9	13.0
Fire-raising, vandalism, etc.	53.1	51.1	56.1	60.1	61.7	66.0	73.1	79.1	79.5	78.9	76.4
Fire-raising	2.4	2.5	2.6	2.8	3.0	3.4	3.7	4.2	4.1	3.9	3.8
Vandalism, etc.	50.7	48.7	53.5	57.3	58.7	62.6	69.4	74.8	75.4	75.0	72.6
Other crimes	5.6	6.8	6.7	8.3	9.5	11.9	14.3	17.3	19.2	21.4	24.6
Crimes against public justice	4.2	5.0	5.0	6.8	7.7	9.3	10.9	12.7	14.0	15.9	19.7
Drugs	1.2	1.6	1.6	1.4	1.6	2.5	3.2	4.4	5.1	5.3	4.7
Other	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Total offences	278.0	305.8	327.3	360.1	336.5	327.4	351.3	334.5	338.4	358.5	377.0
Miscellaneous offences	117.2	121.9	123.3	123.2	118.2	115.4	114.8	114.9	118.1	120.4	127.3
Petty assault	27.6	28.0	29.5	28.2	27.6	28.5	30.3	31.7	32.2	32.6	35.7
Breach of the peace	44.7	47.7	50.4	53.9	53.6	53.0	51.3	51.9	54.4	56.4	59.9
Drunkness	17.1	17.9	18.6	18.2	16.5	15.8	15.0	13.8	12.6	12.4	12.4
Other	27.7	28.2	24.9	22.9	20.4	18.1	18.1	17.6	18.9	19.0	19.4
Motor vehicle offences	160.8	183.9	204.0	236.9	218.3	212.0	236.5	219.6	220.3	238.1	249.7
Reckless and careless driving	21.3	22.7	23.3	25.0	24.4	24.0	25.4	24.3	23.8	23.4	22.7
Drunk driving	12.4	14.7	15.5	15.9	13.8	14.0	15.4	15.0	15.4	14.6	13.5
Speeding	21.4	30.7	38.3	46.8	33.9	29.3	37.7	33.7	32.0	41.0	58.7
Unlawful use of a motor vehicle	52.2	58.3	64.5	76.0	79.3	86.6	90.7	82.6	84.7	87.0	78.9
Vehicle defect offences	20.0	20.6	22.0	24.4	25.1	26.1	29.4	29.4	29.3	33.4	37.5
Other	33.4	37.0	40.2	48.8	41.9	32.1	38.0	34.7	35.1	38.6	38.4

Source Scottish Home and Health Department

4.13

Persons proceeded against
Scotland

	Number of persons										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total crimes and offences	224 247	212 836	228 142	223 250	264 844	246 295	235 452	246 127	210 230	210 748	204 933
Total crimes	46 960	48 726	50 472	46 462	54 374	58 767	68 622	71 053	68 569	71 766	70 138
Non-sexual crimes of violence	3 121	2 804	3 190	2 876	3 491	3 299	4 740	4 878	4 052	3 984	4 161
Homicide	163	161	135	118	137	116	132	129	124	127	114
Serious assault, etc.	1 228	958	1 343	1 142	2 006	1 861	2 451	2 504	1 736	1 443	1 631
Handling offensive weapons	867	785	858	815	366	460	1 035	1 147	1 174	1 227	1 197
Robbery	573	595	571	494	657	610	843	776	733	902	883
Other Violence	290	305	283	307	325	252	279	322	285	285	336
Crimes of indecency	1 223	1 201	1 061	828	1 161	1 340	1 799	1 908	1 926	1 829	1 479
Sexual assault	185	198	221	180	189	182	178	198	183	226	234
Lewd and libidinous practices	485	447	462	417	455	439	420	437	404	469	426
Other indecency	553	556	378	231	517	719	1 201	1 273	1 339	1 134	819
Crimes of dishonesty	36 338	38 647	39 295	36 019	41 058	44 255	49 824	49 624	47 039	48 891	47 287
Housebreaking	7 047	7 952	8 074	6 744	8 061	8 847	11 297	10 871	10 803	10 686	9 543
Theft by opening lockfast places	1 639	1 792	1 869	1 633	2 275	2 510	3 351	3 259	3 133	3 726	3 844
Theft of or from motor vehicle	5 072	5 179	5 140	4 194	4 678	4 002	4 427	4 205	4 080	4 255	3 957
Shoplifting ¹	3 351	3 556	3 637	3 481	4 588	5 693	5 581	5 783	5 559	6 137	6 784
Other theft ¹	13 666	14 464	14 842	14 307	14 741	16 135	17 595	17 425	15 777	15 655	14 644
Fraud	3 258	3 241	3 074	3 162	3 254	3 586	4 005	4 501	3 728	3 789	3 945
Other dishonesty	2 305	2 463	2 659	2 498	3 461	3 482	3 568	3 580	3 959	4 643	4 570
Fire-raising, vandalism etc.	3 731	3 574	4 073	3 874	5 080	6 087	6 441	6 519	7 018	7 120	7 304
Fire-raising	88	135	149	118	170	185	194	158	248	278	253
Vandalism, etc.	3 643	3 439	3 924	3 756	4 910	5 902	6 247	6 361	6 770	6 842	7 051
Other Crime	2 547	2 500	2 853	2 865	3 584	3 786	5 818	8 124	8 534	9 942	9 907
Total Offences	177 287	164 110	177 670	176 788	210 470	187 528	166 830	175 074	141 661	138 982	134 795
Miscellaneous offences	84 802	79 595	83 027	79 440	87 540	84 127	75 182	74 700	68 857	67 912	67 301
Petty assault	12 651	12 027	13 085	12 874	13 394	13 231	12 639	12 356	12 939	13 387	13 660
Breach of the peace	37 207	35 031	36 554	34 335	37 663	39 697	36 798	35 171	31 838	32 652	31 338
Drunkenness	16 999	14 627	14 828	15 531	14 459	11 579	10 033	8 324	6 893	5 289	3 815
Other miscellaneous offences	17 945	17 910	18 560	16 700	22 024	19 620	15 712	18 849	17 187	16 584	18 488
Motor vehicle offences	92 485	84 515	94 643	97 348	122 930	103 401	91 648	100 374	72 804	71 070	67 494
Reckless and careless driving	13 185	12 083	12 156	10 509	12 380	10 470	8 955	9 125	7 575	7 702	7 040
Drunk driving	10 353	9 387	11 337	11 636	12 779	11 460	10 666	11 767	12 500	12 514	12 019
Speeding	26 690	20 804	24 161	24 797	37 557	27 296	20 466	22 210	5 692	5 519	6 976
Unlawful use of vehicle	18 105	18 812	21 472	23 404	29 363	27 066	28 291	33 434	29 306	28 477	27 596
Vehicle defect offences	10 525	9 415	9 299	9 571	10 526	10 024	8 356	8 491	5 269	5 115	5 355
Other motor vehicle offences	13 627	14 014	16 218	17 431	20 325	17 085	14 914	15 347	12 462	11 743	8 508

1 Only since 1980 has shoplifting been distinguished from 'Other theft'. Figures for earlier years in this table are estimated. In subsequent tables, no separate figure is given for shoplifting for 1979 and earlier years.

Source Scottish Home and Health Department

4.14

Persons called to trial
Scotland

	Number of persons										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Court procedure											
Solemn	3 461	3 737	3 399	3 129	4 097	3 443	4 357	4 011	4 067	4 450	4 868
High Court	456	493	461	422	576	467	576	557	689	1 036	1 056
Sheriff Court (remit to High Court)	121	111	68	96	101	85	94	122	76	150	127
Sheriff Court (other Solemn)	2 884	3 133	2 870	2 611	3 420	2 891	3 687	3 332	3 302	3 264	3 685
Summary	216 264	205 461	221 281	216 403	257 265	238 563	228 690	240 825	205 213	205 617	199 453
Sheriff Court	135 990	135 997	148 398	137 201	172 403	143 379	137 575	142 389	106 710	108 628	104 749
District Court	63 854	57 637	62 178	68 780	72 839	81 272	75 458	80 918	83 912	78 681	77 728
Stipendiary Magistrate Court	16 420	11 827	10 705	10 422	12 023	13 912	15 657	17 518	14 591	18 308	16 976
Police/Burgh Court	—	—	—	—	—	—	—	—	—	—	—
Justice of Peace Court	—	—	—	—	—	—	—	—	—	—	—
Total called to trial	219 725	209 198	224 680	219 532	261 362	242 006	233 047	244 836	209 280	210 067	204 321

Source Scottish Home and Health Department

4.15 Persons with charge proved
Scotland

	Number of persons										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Main penalty											
Absolute discharge	1 574	1 204	1 203	1 036	1 078	939	792	717	512	527	465
Admonition or caution	21 540	20 434	20 498	20 040	23 568	23 101	22 010	22 115	18 422	17 805	16 687
Probation	2 584	2 364	2 654	2 090	2 410	2 639	2 682	2 757	2 985	3 136	2 931
Remit to children's hearing	314	183	128	91	90	99	49	55	121	135	97
Community service order	—	—	—	220	329	1 099	1 950	1 987	2 430	2 658	3 150
Fine	170 659	162 110	175 352	175 515	208 096	187 308	173 856	183 021	150 047	149 323	144 547
Compensation order	—	—	—	—	—	363	909	1 050	953	926	916
Guardianship order	7	5	7	5	6	3	4	4	2	13	8
Prison	6 771	6 562	7 195	6 014	7 053	7 060	8 995	9 280	8 965	10 066	9 859
Young offenders' institution	1 821	1 639	1 821	1 564	1 851	1 719	2 243	2 147	1 902	2 709	2 964
Borstal training	906	825	934	715	715	691	955	894	—	—	—
Detention centre	889	967	1 051	622	921	949	1 140	1 281	2 826	2 744	2 470
Detention of child	249	231	170	120	101	77	88	107	68	68	52
Insane and hospital order	111	97	108	53	45	48	45	83	95	130	130
Total persons with charge proved	207 425	196 621	211 121	208 085	246 263	226 095	215 718	225 498	189 328	190 240	184 276

Source Scottish Home and Health Department

4.16 Persons with charge proved
Scotland

	Number of persons										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Males											
Under 16	184 712	174 501	187 386	185 719	218 354	199 327	191 184	198 705	166 976	166 681	160 708
16 to 20	1 712	1 412	1 353	887	924	822	642	645	463	495	367
21 to 30	51 545	50 509	54 601	52 159	61 683	60 013	59 423	59 162	52 072	52 586	50 548
Over 30	55 055	51 361	54 870	55 228	65 121	60 583	60 513	64 856	55 973	57 493	57 282
Not known ¹	76 400	71 219	76 562	77 445	90 626	77 909	70 606	74 042	49 616	47 625	46 296
	—	—	—	—	—	—	—	—	8 852	8 482	6 215
Females											
Under 16	21 576	20 532	21 356	19 896	24 948	24 313	22 151	24 097	20 065	20 698	21 535
16 to 20	110	104	90	60	93	73	25	45	40	21	25
21 to 30	3 952	3 618	3 999	3 589	4 316	4 595	4 170	4 444	3 611	3 894	3 952
Over 30	6 026	5 564	5 751	5 492	7 024	7 047	6 794	7 383	6 286	6 423	6 865
Not known ¹	11 488	11 246	11 516	10 755	13 515	12 598	11 162	12 225	6 911	6 662	7 044
	—	—	—	—	—	—	—	—	3 217	3 698	3 649
Males and females											
Under 16	206 288	195 033	208 742	205 615	243 302	223 640	213 335	222 802	187 041	187 379	182 243
16 to 20	1 822	1 516	1 443	947	1 017	895	667	690	503	516	392
21 to 30	55 497	54 127	58 600	55 748	65 999	64 608	63 593	63 606	55 683	56 480	54 500
Over 30	61 081	56 925	60 621	60 720	72 145	67 630	67 307	72 239	62 259	63 916	64 147
Not known ¹	87 888	82 465	88 078	88 200	104 141	90 507	81 768	86 267	56 527	54 287	53 340
	—	—	—	—	—	—	—	—	12 069	12 180	9 864
Companies											
	1 137	1 588	2 379	2 470	2 961	2 455	2 383	2 696	2 287	2 861	2 033
Total persons with charge proved	207 425	196 621	211 121	208 085	246 263	226 095	215 718	225 498	189 328	190 240	184 276

1 Prior to 1984, 'Not known' was included in the over 30 total.

Source Scottish Home and Health Department

4.17

Penal establishments: average daily population and receptions
Scotland

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Average daily population											
Total	4 871	5 062	4 585	4 860	4 518	4 891	5 052	4 753	5 273	5 588	5 446
Male	4 704	4 893	4 433	4 713	4 383	4 755	4 917	4 621	5 097	5 394	5 259
Female	167	169	152	147	135	136	135	132	177	194	187
Analysis by type of custody											
Remand	706	728	691	705	746	844	863	942	1 092	1 017	938
Persons under sentence: total	4 161	4 331	3 891	4 152	3 769	4 044	4 183	3 807	4 178	4 570	4 509
Adult prisoners ¹											
direct sentence	2 388	2 559	2 318	2 441	2 379	2 539	2 673	2 545	2 904	3 181	3 262
in default of fine	232	256	236	309	177	179	176	207	235	266	210
in default of compensation order	—	—	—	—	—	1	2	1	1	1	1
Young offenders ¹											
direct sentence	613	628	597	610	547	587	528	556	705	850	768
in default of fine	54	53	57	77	54	54	50	51	73	63	77
in default of compensation order	—	—	—	—	—	—	—	—	—	—	—
Borstal inmates	673	608	508	521	451	493	568	175	2	—	—
Detention centre inmates	141	157	99	140	122	142	136	217	210	161	143
Persons recalled from supervision/licence	26	29	44	34	33	42	42	36	34	35	31
Others	34	41	32	20	6	7	9	18	13	13	17
Persons sentenced by court martial	3	2	2	2	2	2	5	3	3	1	—
Civil prisoners	1	1	1	1	1	1	1	1	1	1	1
Receptions to penal establishments											
Total ²											
Remand	16 296	16 640	14 400	13 864	13 550	16 072	15 286	16 048	18 985	18 107	17 111
Male	15 444	15 775	13 636	13 151	12 791	15 265	14 400	15 141	18 088	17 114	16 213
Female	852	865	764	713	759	807	886	907	897	993	898
Persons under sentence: total	17 573	17 592	14 447	16 933	15 539	20 522	20 183	19 955	24 532	23 220	22 186
Male	16 797	16 764	13 792	16 250	14 863	19 749	19 276	19 164	23 310	22 020	20 987
Female	776	828	655	683	676	773	907	791	1 222	1 200	1 199
Imprisoned:											
directly	6 910	7 179	5 905	6 763	6 311	7 992	7 925	7 634	8 864	8 598	7 975
in default of fine	5 972	5 775	5 072	6 125	5 635	7 773	7 572	6 941	8 626	8 139	8 049
in default of compensation order	—	—	—	—	1	8	2	1	1	24	2
Sentenced to young offenders institution:											
directly	1 574	1 578	1 315	1 329	1 221	1 542	1 463	1 733	2 359	2 593	2 064
in default of fine	1 454	1 376	955	1 264	1 120	1 679	1 757	1 903	2 779	2 398	2 882
in default of compensation order	—	—	—	—	—	1	1	1	2	2	3
Sentenced to borstal training	716	706	570	573	490	630	544	—	—	—	—
Sentenced to detention centre	879	919	591	834	729	862	889	1 741	1 901	1 462	1 210
Recalled to Young Offenders Institutions/from Borstal supervision	65	59	39	44	31	33	28	1	—	1	1
Other sentences	3	—	—	1	1	2	2	—	—	1	—
Persons sentenced by court martial	5	6	3	8	10	10	12	5	6	4	11
Civil prisoners	5	20	11	15	14	13	15	17	21	13	18

¹ From 1983 onwards persons detained under Section 205(2) of the Criminal Procedure (Scotland) at 1975 are included as adults or young offenders according to the type of establishment in which they were held. For earlier years they are all included as young offenders.

² Total receptions cannot be calculated by adding together receptions in each category because there is double counting. This arises because when a person is received on remand and then under sentence in relation to the same set of charges, he is counted in both categories.

Source Scottish Home and Health Department

4.18

Expenditure on penal establishments

Scotland

Years ended 31 March

	£ thousand										
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Central charges and costs of staff	15 675	18 492	20 804	25 268	31 565	35 955	40 661	42 586	46 009	51 575	58 081
Inmate maintenance	2 084	2 407	1 686	2 043	4 267	4 630	5 048	5 686	5 825	6 934	6 295
Materials for production and training	1 489	1 432	2 034	2 194	2 605	2 076	2 627	2 372	2 210	2 565	2 459
Miscellaneous	1 201	1 222	2 135	2 823	1 490	1 807	2 139	2 355	2 746	3 117	3 362
Maintenance of establishments	839	1 112	1 622	1 898	2 469	3 273	3 971	4 568	5 065	5 720	5 684
Capital expenditure	6 854	2 049	1 963	2 010	4 410	5 339	4 752	7 227	12 641	12 761	7 182
Cost of central administration	1 197	1 192	1 185	1 453	1 547	1 865	1 954	2 006	2 106	2 141	2 248
Total	29 339	27 906	31 429	37 689	48 353	54 945	61 152	66 800	76 602	84 813	85 311
Receipts from sales, etc.	1 878	1 927	2 188	2 917	2 769	2 050	2 583	1 957	2 053	2 023	3 950
Net total	27 461	25 979	29 241	34 772	45 584	52 895	58 569	64 843	74 549	82 790	81 361
Average daily number of inmates	4 832	4 892	5 038	4 616	4 822	4 455	5 036	4 956	4 823	5 398	5 564

Source Scottish Home and Health Department

4.19

Offences known to police, proceedings taken and results of proceedings

Northern Ireland

	Number										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Offences known to police¹	39 914	45 571	46 499	49 975	52 384	59 157	62 020	63 984	66 779	64 584	68 255
Indictable offences¹											
Persons proceeded against	5 261	5 603	5 140	7 054	6 998	9 136	10 510	9 007	9 651	11 125	12 702
Tried in Courts of Summary Jurisdiction	3 534	3 679	3 308	5 150	5 469	7 368	8 518	7 138	8 023	9 094	10 843
Tried at Crown Courts	1 727	1 924	1 832	1 904	1 529	1 768	1 992	1 869	1 628	2 031	1 859
Results of proceedings:											
Found guilty	4 857	5 230	4 803	6 593	6 566	7 932	8 244	8 317	8 077	8 568	10 312
Absolute discharge	79	83	71	119	150	204	178	115	74	76	109
Probation order	467	430	325	502	571	638	600	580	547	649	775
Conditional discharge	688	704	850	1 070	1 026	1 289	1 403	1 461	1 322	1 409	1 713
Committed to training schools	216	201	164	274	262	270	181	187	179	161	246
Fine	1 105	1 074	1 009	1 540	1 692	1 811	1 904	2 000	2 083	2 044	2 830
Sentenced to:											
Borstal training ²	120	123	122	160	56						
Imprisonment ³	1 297	1 572	1 217	1 460	1 320	1 724	1 813	1 806	1 625	1 809	1 976
Suspended sentence	764	944	950	1 196	1 112	1 354	1 491	1 488	1 472	1 687	1 829
Otherwise dealt with	121	99	95	272	377	642	674	680	775	733	834
Non-indictable offences¹											
Persons proceeded against	41 636	44 226	47 593	46 177	46 480	32 033	33 555	34 687	35 137	37 789	34 011
Tried in Courts of Summary Jurisdiction	41 636	44 226	47 593	46 177	46 480	32 033	33 555	34 687	35 137	37 789	34 011
Results of proceedings:											
Found guilty	38 836	41 119	44 296	42 036	40 608	30 181	31 505	32 444	33 171	35 601	32 103
Absolute discharge	1 345	1 308	1 321	1 345	1 647	1 482	1 555	1 290	1 166	1 521	1 359
Probation order	260	247	203	255	283	201	169	157	139	177	111
Conditional discharge	1 573	1 821	1 009	1 768	1 284	1 037	1 201	1 134	958	1 057	907
Committed to training schools	123	146	119	193	194	94	98	77	66	58	37
Fine	34 130	34 730	39 675	35 423	34 888	20 029	21 072	22 220	23 953	25 303	23 605
Sentenced to:											
Borstal training ²	22	33	27	32	47						
Imprisonment ⁴	1 163	1 687	1 714	1 943	1 526	1 745	1 704	1 844	1 601	1 998	1 194
Otherwise dealt with	220	1 147	228	1 077	739	5 593	5 706	5 722	5 288	5 487	4 890

1 Offences known to the police consist mainly of indictable offences and include some hybrid offences. From 1975 to 1981 hybrid offences were included under non-indictable offences; for 1982 onwards, they are included under indictable offences.

2 Borstal training ceased in October 1980.

3 Includes those awarded periods of detention in young offenders centres.

4 Includes those awarded periods of detention in the young offenders centre and those awarded suspended sentences.

Source Northern Ireland Office

4.20

Persons found guilty: analysis by type of offence

Northern Ireland

											Number
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All offences	43 686	46 348	49 093	48 629	47 174	38 113	39 749	40 762	41 248	44 169	43 249
Indictable offences ¹	4 850	5 229	4 797	6 593	6 566	8 291	8 244	8 318	8 077	8 568	10 312
Burglary and robbery	1 721	1 831	1 603	2 020	2 192	2 556	2 514	2 619	2 535	2 562	2 318
Fraud ² and forgery	250	275	252	379	424	341	351	382	362	440	467
Handling stolen goods	180	216	205	334	324	390	390	406	476	419	413
Theft	1 491	1 459	1 520	2 132	2 273	2 901	3 023	2 962	2 944	3 426	3 697
Sexual offences	91	105	95	108	131	134	119	124	151	170	189
Offences against the person: total	501	551	479	717	573	642	769	771	772	818	1 362
Murder	52	74	46	59	23	34	21	15	10	39	25
Manslaughter	18	33	19	32	13	22	22	13	15	16	20
Wounding	381	417	385	620	521	555	681	698	705	723	491
Other offences against the person	50	27	29	6	16	31	45	45	42	40	826
Other offences	616	792	643	903	649	1 327	1 078	1 054	837	733	1 866
Non-indictable offences ¹	38 836	41 119	44 296	42 036	40 608	29 822	31 505	32 444	33 171	35 601	32 103
Assaults	1 444	1 585	1 450	1 484	1 386	1 230	1 454	1 555	1 501	1 608	943
Betting and gaming	6	11	49	69	41	21	81	104	54	40	23
Local and Police Regulations	3 273	3 017	2 912	3 113	2 833	3 017	3 038	3 212	3 072	3 391	3 205
Intoxicating Liquor Laws:											
Drunkenness	385	311	360	354	374	284	259	317	322	274	244
Other offences	683	889	725	642	541	474	538	567	454	437	381
Malicious damage	706	660	670	925	956	764	739	767	737	897	264
Offences by prostitutes	3	4	—	—	17	11	8	37	44	39	35
Traffic offences	27 433	26 533	29 266	28 140	28 640	22 585	23 459	24 145	25 417	27 255	26 010
Vagrancy Acts	14	42	45	17	40	27	25	22	10	4	7
Wireless Telegraphy Acts	268	156	97	116	85	1	—	—	1	—	32
Education Acts	313	437	436	199	341	—	—	—	—	—	—
Game Laws	4	2	1	2	—	2	7	15	12	2	10
Labour Laws	202	295	147	218	87	3	5	1	5	—	—
Railway offences	10	4	22	—	17	—	3	—	—	—	—
Revenue Laws	2 040	2 591	2 905	2 344	2 055	45	65	71	27	17	—
Other offences	2 052	4 582	5 211	4 413	3 195	1 358	1 824	1 631	1 515	1 637	949

1 From 1975 to 1981 hybrid offences were included under non-indictable offences. From 1982 they are included under indictable offences.

2 Including offences in connection with bankruptcy.

Source Northern Ireland Office

4.21

Juveniles found guilty of offences¹

Northern Ireland

											Number
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Juveniles found guilty											
All offences	2 722	2 794	2 432	2 646	2 580	2 176	2 052	1 784	1 616	1 523	1 866
Indictable offences	1 042	1 120	952	1 259	1 214	1 251	1 132	1 009	978	921	1 169
Handling stolen goods	26	34	29	63	51	57	49	45	41	28	43
Theft ²	266	257	284	352	368	421	379	296	354	390	487
Burglary and robbery	611	664	514	693	709	657	518	532	469	404	385
Sexual offences	6	11	10	4	9	8	7	5	3	7	22
Fraud and forgery	10	14	13	12	15	20	12	12	17	12	10
Offences against the person	31	49	27	51	32	24	39	28	32	26	47
Other offences	92	91	75	84	30	64	128	91	62	54	175
Non-indictable offences	1 680	1 674	1 480	1 387	1 366	925	920	775	638	602	697
Assaults	153	144	137	137	110	80	100	124	113	105	94
Offences connected with motor vehicles	662	628	582	531	668	354	374	247	248	213	370
Malicious damage	203	248	175	295	176	158	123	139	77	120	28
Disorderly behaviour	332	332	296	229	199	225	258	168	127	103	123
Offences against the Education Act	167	117	109	48	91						
Other offences	163	205	181	147	122	108	65	97	73	61	82
Disposal by Courts											
Total dealt with	2 722	2 794	2 432	2 646	2 580	2 176	2 052	1 784	1 616	1 523	1 866
Absolute discharge	170	170	141	109	93	53	84	76	28	24	40
Conditional discharge	823	837	775	887	675	548	667	572	493	449	454
Placed on probation	404	370	301	389	400	412	354	275	291	294	304
Fine	821	832	714	539	667	395	306	310	307	282	548
Remand home order	42	33	19	40	46	47	10	23	18	21	16
Training school order	267	263	171	369	385	296	248	232	214	189	259
Borstal training ³	40	43	99	68	22						
Otherwise dealt with	155	246	212	245	292	425	383	296	265	264	245

1 Persons under 17 years of age.

2 Including unauthorised taking of motor vehicle and handling stolen goods.

3 Borstal institutions closed down in October 1980.

Source Northern Ireland Office

4.22

Prisons, Young Offenders Centres and Borstal institutions: receptions and average population¹
Northern Ireland

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Receptions											
Reception of untried prisoners	2 135	1 667	1 680	1 550	2 354	2 159	2 175	2 179	2 008	2 250	2 138
Reception of sentenced prisoners:											
Imprisonment without the option of a fine ²	1 670	1 623	1 590	976	1 148	1 198	1 156	1 038	1 139	1 107	1 288
Imprisonment in default of payment of a fine	317	306	315	214	348	415	620	731	1 091	1 448	1 379
Total	2 246	1 929	1 905	1 190	1 496	1 613	1 776	1 769	2 230	2 555	2 667
Reception into Young Offenders Centres:¹											
Detention without the option of a fine	—	—	—	533	755	632	651	600	605	583	577
Detention in default of payment of a fine	—	—	—	80	135	207	305	399	450	580	562
Total	—	—	—	613	890	839	956	999	1 055	1 163	1 139
Other receptions											
Sentenced to Borstal training ³	135	127	150	58					—	—	—
Civil committals	128	83	88	74	68	43	22	22	22	16	24
Persons detained or interned	—	—	—	—	—	—	—	—	—	—	—
Other receptions	3	—	—	—	—	—	—	—	—	—	—
Total	266	210	238	132	68	43	22	22	22	16	24
Daily average population											
Total	2 566	2 813	2 691	2 489	2 521	2 481	2 453	2 248	2 043	1 900	1 947
Unconvicted ⁴	656	603	400	361	424	428	430	404	338	310	283
Internees and detainees	—	—	—	—	—	—	—	—	—	—	—
Convicted	1 910	2 210	2 291	2 128	2 097	2 053	2 023	1 844	1 705	1 590	1 664

1 1980 is the first full year of operation of the Young Offenders Centres.

2 Includes those detained under Section 73 of the Children and Young Persons (NI) Act 1968.

3 Borstal institutions closed down in October 1980.

4 Prisoners on remand or awaiting trial and prisoners committed by civil process.

Source Northern Ireland Office

5 Education

In general the education services of the United Kingdom are not subject to detailed central control. Standards are maintained by an Inspectorate with advisory functions having access to all institutions except the universities and related bodies. Within this framework detailed control is exercised by local education authorities or by various forms of independent governing bodies, in association with the teaching staff. In all sectors, such matters as engaging teachers and selection of textbooks and curricula are part of these detailed local responsibilities.

The four government departments dealing with education statistics are:

Department of Education and Science:

which deals with all sectors of education in England, and with the Government's responsibilities towards universities in Great Britain.

Welsh Office, Education Department:

which deals with schools and (from April 1978) higher and further education in Wales, excluding matters connected with universities and with the qualifications, probation, remuneration, superannuation and misconduct of teachers.

Scottish Education Department:

schools and further education in Scotland.

Department of Education, Northern Ireland:

schools, further education and universities in Northern Ireland.

The University Grants Committee advises the education departments in Great Britain and in Northern Ireland on the needs of the universities and is concerned with plans for their development.

Statistics for the separate systems obtaining in England, Wales, Scotland and Northern Ireland are collected and processed separately in accordance with the particular needs of the responsible Departments and, particularly where there are structural differences, the assembly of statistics covering the United Kingdom as a single unit presents considerable problems and in some fields is impossible at present.

Stages of education

There are three main stages of education: primary, secondary, and further (including higher) education. The first two stages are compulsory for all children between the ages of five and sixteen years and the transition from primary to secondary education is usually made at the age of eleven. The third stage of education is voluntary and includes all education provided after full-time schooling ends.

Primary education

Primary education provides for pupils aged five to eleven. The great majority of public sector primary schools take both boys and girls in mixed classes.

Middle schools

In England middle schools take children from first schools and generally lead on, in turn, to comprehensive upper schools. They cover varying age ranges between eight and fourteen. Depending on their individual age range they are deemed either primary or secondary by Order of the Secretary of State for Education and Science or (for age range nine to thirteen) by choice of the local education authority. Wales has only one middle school, Scotland has two.

Secondary education

Provision of secondary education in an area may include any combination of types of schools. The pattern is a reflection of historical circumstance and of the policy adopted by the local education authority. There is a growing trend to comprehensive schools, on a variety of patterns as to forms of organisation and the age range of the pupils attending. In their 'pure' form, comprehensive schools admit pupils without reference to ability and aptitude, and cater for all the children in a neighbourhood. In 1987, 89 per cent of secondary schools in England were comprehensive. Scotland has some schools which are part comprehensive/part selective; these are comprehensive in intake but selective as regards level of courses offered (typically not beyond 'O' grade).

Special schools, both day and boarding, provide education for handicapped children who cannot be educated satisfactorily in an ordinary school. Hospital special schools provide education for children who are spending a period in hospital.

Further education

The term 'further education' may be used in a general sense to cover all education after the period of compulsory education. More commonly it excludes those staying on at secondary school, and those studying at universities, or at colleges of education (teacher training) in Scotland and Northern Ireland. Following the reorganisation of teacher training in England and Wales from 1976 the former colleges of education that did not merge with a university department of education, have been included with other further education establishments in England and Wales.

Higher education

The term 'higher education' includes all students in universities, and colleges of education in Scotland and Northern Ireland, together with students in further education colleges on courses leading to advanced level qualifications, i.e. qualifications above General Certificate of Education 'A' levels, Scottish Certificate of Education 'H' grade, and Ordinary National Diploma or Ordinary National Certificate. This will include all teacher training courses.

5.1

Number of schools¹ or departments by type and establishments of higher and further education
 Academic years²

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
United Kingdom: Public sector										
Nursery										
Primary ³	1 180	1 213	1 236	1 251	1 254	1 259	1 260	1 257	1 262	1 271
Secondary ³	26 928	26 850	26 764	26 504	26 072	25 755	25 326	24 993	24 756	24 609
Non-maintained ^{3, 4}	5 599	5 585	5 571	5 542	5 506	5 437	5 328	5 262	5 161	5 091
Special ⁵	2 781	2 761	2 654	2 640	2 635	2 637	2 619	2 599	2 538	2 544
Universities (including Open University)	2 006	2 018	2 016	2 011	1 994	1 989	1 972	1 949	1 923	1 915
Polytechnics and other major establishments, vocational further education colleges and colleges of education	46	46	46	46	46	46	46	46	46	46
Public sector ⁶	763	751	746	744	729	729	728	693 ⁸	697 ⁸	677 ⁸
Assisted ⁷	76	67	63	62	58	57	57	56	56 ⁹	52 ⁹
Adult education centres (England and Wales)	6 345	5 303	4 926	4 628	4 318	4 542	4 513	4 227	2 874 ¹⁰	2 523 ¹⁰
England: Public sector										
Nursery	593	593	596	588	582	575	565	561	560	558
Primary	21 372	21 309	21 242	21 018	20 650	20 384	20 020	19 734	19 549	19 432
Secondary	4 711	4 694	4 680	4 654	4 622	4 553	4 444	4 382	4 286	4 221
Non-maintained	2 480	2 459	2 351	2 342	2 340	2 344	2 333	2 313	2 274	2 277
Special	1 591	1 599	1 597	1 593	1 571	1 562	1 548	1 529	1 493	1 470
Universities (including Open University)	35	35	35	35	35	35	35	35	35	35
Polytechnics	29	29	29	29	29	29	29	29	29	29
Other major establishments										
Maintained and assisted	500	488	481	468	459	450	439	437	436	422
Grant-aided	49	40	36	35	34	33	33	32	31	29
Adult education centres	5 280	4 527	4 309	4 067	3 747	3 958	3 938	3 684	2 616 ¹⁰	2 718 ¹⁰
Wales: Public sector										
Nursery	70	70	69	69	64	64	65	61	59	59
Primary	1 940	1 930	1 925	1 908	1 873	1 844	1 821	1 796	1 774	1 762
Secondary	251	244	241	239	241	238	236	237	237	234
Non-maintained	67	71	71	72	71	73	70	67	69	69
Special	74	74	75	73	73	71	69	68	67	65
Universities	1	1	1	1	1	1	1	1	1	1
Polytechnics	1	1	1	1	1	1	1	1	1	1
Other major establishments										
Maintained and assisted	46	45	46	44	43	43	43	43	39	40
Grant-aided	1	1	1	1	1	1	1	1	1	1
Adult education centres	1 065	776	617	561	571	584	575	543	258 ¹⁰	205 ¹⁰
Scotland: Public sector										
Nursery	464	489	503	515	527	537	546	551	559	568
Primary	2 525	2 532	2 530	2 522	2 499	2 489	2 461	2 443	2 425	2 417
Secondary	433	443	445	444	439	442	444	440	440	440
Non-maintained ⁴	150	144	144	138	136	132	127	131	106	111
Special ⁵	310	319	320	319	324	330	330	328	339	356
Universities	8	8	8	8	8	8	8	8	8	8
Vocational further education colleges										
Education authority										
Day	69	69	69	65	64	67	64	52	50	49
Evening	89	90	91	109	105	111	124	104	115	109
Central institutions	14	14	14	14	14	14	14	14	16	16
Voluntary bodies	—	—	—	—	—	—	—	—	—	—
Colleges of education	10	10	10	10	7	7	7	7	7	5
Northern Ireland: Public sector										
Nursery	53	61	68	79	81	83	84	84	84	86
Primary ³	1 091	1 079	1 067	1 056	1 050	1 038	1 024	1 020	1 008	998
Secondary ³	204	204	205	205	204	204	204	203	198	196
Non-maintained ³	87	87	88	88	88	88	89	88	89	87
Special	31	26	24	26	26	26	25	24	24	24
Universities	2	2	2	2	2	2	2	2	2	2
Colleges of education	3	3	3	3	3	3	3	3	2 ⁹	2 ⁹
Ulster Polytechnic ⁸	1	1	1	1	1	1	1	—	—	—
Further education colleges	27	27	27	26	26	26	26	26	26	26

1 Schools (excluding independent) in Scotland and Northern Ireland with more than one department have been counted once for each department.

2 Schools are counted at January except for Scotland and Wales (1977–78 onwards) when the count is at September. Further education establishments are counted at 1 November—England and Wales, October—Scotland and Northern Ireland. University establishments at 31 December.

3 The secondary and preparatory departments of assisted and public sector grammar schools in Northern Ireland have been counted as separate schools.

4 Including for Scotland grant-aided nursery, primary and secondary schools/departments and independent schools.

5 Education authority and grant-aided special schools/departments for Scotland.

6 Polytechnics and maintained and assisted colleges in England and Wales, education authority colleges in Scotland, Stranmillis College of Education and education authority/education and library board colleges in Northern Ireland.

7 Direct grant colleges in England and Wales, central institutions, voluntary bodies and colleges of education in Scotland, voluntary colleges of education in Northern Ireland (St. Mary's College and St. Joseph's College).

8 Ulster Polytechnic became part of the University of Ulster from the start of the 1984/85 academic year.

9 St. Mary's and St. Joseph's Colleges (NI) merged at the start of the 1985/86 academic year to become St. Mary's College of Education.

10 Excludes youth clubs and centres; these ceased to be surveyed after 1984–85.

Sources Education Departments

5.2

Pupils in school by age and sex: number and as a percentage of the population

United Kingdom
All schools
At January¹

	1977	1978	1979	1980 ²	1980 ³	1981	1982 ⁴	1983	1984	1985	1986 ⁵	1987 ⁶
Age at the beginning of January												
Number (thousands)												
United Kingdom	11 320	11 222	11 091	10 892	10 892	10 633	10 367	10 094	9 876	9 702	9 565	9 392
England	9 278	9 196	9 094	8 933	8 933	8 720	8 502	8 276	8 096	7 956	7 830	7 721
Wales	577	573	567	558	558	545	531	519	510	503	495	457
Scotland	1 092	1 081	1 059	1 034	1 034	1 005	975	945	918	894	..	..
Northern Ireland	374	372	371	367	367	363	359	354	351	349	346	343
Boys and girls												
2-4 ⁷	569	557	573	585	804	792	794	823	887	915	917	900
5-10	5 374	5 247	5 090	4 908	4 959	4 752	4 542	4 302	4 140	4 085	4 096	4 134
11	950	936	921	908	919	903	869	879	825	774	737	692
12-14	2 835	2 857	2 853	2 808	2 822	2 777	2 727	2 660	2 631	2 565	2 487	2 314
Total 2-14	9 727	9 597	9 437	9 209	9 503	9 225	8 932	8 664	8 482	8 340	8 236	8 041
15	897	922	937	960	943	940	924	903	886	872	845	864
16	455	458	468	468	266	280	306	312	297	289	286	285
17	181	186	186	192	160	168	181	188	182	174	169	174
18 and over	60	60	63	63	19	21	24	27	28	28	28	27
Boys												
14	475	482	495	487	488	481	475	465	457	444	452	421
15	459	472	479	492	483	481	472	462	453	446	433	443
16	232	232	236	234	130	136	149	152	145	142	141	143
17	94	96	95	97	83	85	91	94	91	88	86	88
18 and over	34	34	35	34	12	13	14	15	16	16	16	15
Girls												
14	452	460	471	463	464	457	450	442	435	420	428	397
15	437	450	458	468	461	459	452	440	433	425	412	421
16	223	225	232	234	136	144	157	161	152	147	145	143
17	87	90	91	95	78	82	90	93	91	86	84	87
18 and over	26	26	28	28	8	8	10	12	12	12	12	12
As a percentage of population⁸												
Boys and girls												
2-4	24.9	25.8	27.8	29.4	40.8	40.4	39.6	39.2	40.9	42.2	42.6	41.9
5-10	100.1	100.2	100.1	100.3	104.3	100.6	100.6	100.6	100.5	100.2	99.9	99.8
11	100.1	100.4	100.2	100.3	103.6	101.4	100.6	100.8	101.6	101.6	102.8	100.2
12-14	100.1	100.1	100.2	100.2	103.3	100.5	100.4	100.2	100.3	100.6	101.7	100.6
15	99.8	99.4	99.7	99.5	100.0	97.7	98.5	97.9	98.1	97.9	97.3	98.8
16	51.9	50.8	50.8	49.7	28.0	29.0	31.7	33.1	32.2	31.9	32.1	32.9
17	21.2	21.2	20.7	20.8	17.1	17.8	18.7	19.4	19.3	18.9	18.8	19.5
18 and over ⁹	7.2	7.0	7.2	7.0	2.1	2.3	2.5	2.8	2.9	3.0	3.0	3.0
Boys												
14	100.0	100.0	100.1	100.2	102.7	100.0	100.1	100.4	100.2	100.0	100.6	100.2
15	99.7	99.2	99.7	99.4	99.8	97.3	97.9	97.2	97.7	97.7	97.4	98.6
16	51.4	50.3	49.9	48.5	26.7	27.4	30.0	31.4	30.5	30.5	30.9	31.7
17	21.4	21.3	20.5	20.5	17.3	17.6	18.3	18.8	18.8	18.5	18.5	19.2
18 and over ⁹	7.9	7.6	7.7	7.3	2.5	2.8	2.9	3.0	3.2	3.3	3.3	3.2
Girls												
14	100.1	100.1	100.1	100.0	103.1	100.2	100.5	100.6	100.5	99.9	100.5	100.1
15	99.9	99.5	99.8	99.6	100.4	98.1	99.1	98.3	98.5	98.2	97.8	98.9
16	52.4	51.3	51.6	50.9	29.4	30.6	33.5	35.2	33.9	33.4	33.4	34.2
17	21.0	21.1	20.8	21.2	17.1	17.8	19.1	19.8	19.9	19.2	19.0	19.9
18 and over ⁹	6.4	6.3	6.6	6.4	1.8	1.8	2.2	2.5	2.5	2.7	2.8	2.7

1 In Wales from 1977 the school census date was advanced to September whereas that for the rest of the United Kingdom remains at January. From 1977 onwards in Scotland, figures are at the previous September (the same academic session).

2 Age at beginning of January for 1980.

3 Age at 31 August from 1980 onwards.

4 For non-maintained schools in England, pupils' ages have been estimated.

5 Provisional; these figures include 1984-85 data for Scotland.

6 Provisional; these figures include 1987-88 data for Scotland.

7 Each part-time pupil (aged 2-4, but also small numbers aged 5 in Scotland attending nursery schools) has been counted as one.

8 The Registrars General estimates of resident population have sometimes been slightly below the number of children found to have attended school.

9 As a percentage of the 18 years age-group.

Source Education Departments

5.3

Number of pupils and teachers: pupil/teacher ratios
United Kingdom
At January¹

	Thousands											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All schools or departments ²												
Total												
Pupils												
Full-time and full-time equivalent of part-time												
Teachers ³	10 575.9	10 586.2	10 490.2	10 353.9	10 770.9	10 525.3	10 234.7	9 949.7	9 724.7	9 544.3	9 384.8 ⁵	9 245.7 ⁶
	531.6	537.4	538.7	543.4	590.2	579.1	568.1	559.6	554.1	546.0	540.3 ⁵	537.4 ⁶
Pupils per teacher:												
United Kingdom ³	19.9	19.7	19.5	19.1	18.2	18.2	18.0	17.8	17.6	17.5	17.4 ⁵	17.2 ⁶
England	20.0	19.8	19.6	19.2	18.4	18.2	18.1	17.9	17.6	17.6	17.4	17.2
Wales	19.7	19.6	19.5	19.0	18.6	18.5	18.5	18.3	18.1	18.2	18.2	18.2
Scotland	18.7	18.4	18.3	17.7	16.8	16.7	16.7	16.6	16.4	16.2	..	..
Northern Ireland	22.1	20.9	19.9	19.6	19.0	18.9	18.9	18.7	18.7	18.6	18.5	18.4
Public sector schools or departments												
Nursery												
Pupils												
Full-time and full-time equivalent of part-time												
Teachers ³	47.1	50.2	53.2	54.7	54.9	55.5	55.8	56.3	57.2	57.3	56.9 ⁵	57.5 ⁶
	2.1	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6 ⁵	2.7 ⁶
Pupils per teacher	22.1	21.8	22.5	22.1	21.6	21.5	21.6	21.8	21.7	21.8	21.7 ⁵	21.2 ⁶
Primary												
Pupils												
Full-time and full-time equivalent of part-time												
Teachers ³	5 940.3	5 834.6	5 675.7	5 513.6	5 317.1	5 087.3	4 870.0	4 659.0	4 549.7	4 513.6	4 520.8	4 550.3
	249.5	246.4	242.1	241.2	237.0	227.8	218.7	211.1	207.1	205.0	205.8	208.7
Pupils per teacher	23.8	23.7	23.4	22.9	22.4	22.3	22.3	22.1	22.0	22.0	22.0	21.8
Secondary												
Pupils												
Full-time and full-time equivalent of part-time												
Teachers ³	4 448.4	4 558.9	4 617.5	4 643.1	4 636.2	4 606.3	4 558.5	4 493.6	4 384.2	4 243.6	4 080.0	3 902.4
	264.1	271.9	276.8	281.8	283.4	281.6	278.5	277.0	274.5	267.7	260.5	253.8
Pupils per teacher	16.8	16.8	16.7	16.5	16.4	16.4	16.4	16.2	16.0	15.9	15.2	15.4
Special Schools ⁴												
Pupils												
Full-time and full-time equivalent of part-time												
Teachers ³	140.0	142.5	143.8	142.4	149.3	147.2	145.0	142.7	137.3	133.1	130.0	124.9
	15.8	16.8	17.4	18.0	19.8	19.8	19.7	19.7	19.7	19.7	19.6	19.5
Pupils per teacher	8.9	8.5	8.3	7.9	7.5	7.4	7.4	7.3	7.0	6.8	6.6	6.4

1 In Scotland and in Wales from 1977 the school census date was advanced to September whereas that for the rest of the United Kingdom remains at January.

2 From 1980 onwards includes non-maintained schools or departments, including independent schools in Scotland.

3 Figures of teachers and of pupil/teacher ratios take account of the full-time equivalent of part-time teachers.

4 Public sector only up to and including 1979.

5 Includes 1984–85 data for Scotland.

6 Includes 1987–88 data for Scotland.

Source Education Departments

91

5.4

Pupils with special needs in public sector and assisted schools

United Kingdom

At January¹

(i) Numbers of public sector and assisted special schools, full-time pupils and teachers

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Hospital schools²											
Schools: total	159	155	150	149	145	135	128	120	113	100	89
Public sector	154	150	145	145	141	132	125	117	111	98	88
Assisted	5	5	5	4	4	3	3	3	2	2	1
Full-time pupils (thousands)	9.2	8.8	8.1	7.8	7.3	6.7	6.2	5.3	4.8	4.6	3.2
Teachers (thousands) ³	1.2	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6
Full-time teachers											
Other special schools or departments⁴											
Schools: total	1 826	1 851	1 875	1 875	1 875	1 868	1 870	1 861	1 845	1 821	1 835
Public sector	1 707	1 733	1 759	1 760	1 763	1 759	1 763	1 757	1 742	1 726	1 739
Assisted	119	118	116	115	112	109	107	104	103	95	96
Day	1 357	1 375	1 384	1 412	1 412	1 412	1 393	1 488	1 469	1 464	1 174 ⁵
Boarding	469	476	491	463	463	456	477	373	376	357	281 ⁵
Full-time pupils (thousands): total	142.4	143.8	143.3	140.7	139.2	137.3	135.5	132.1	128.8	126.0	120.4
Blind and partially sighted	3.9	3.8	3.8	3.7	3.5	3.3	3.2	7	7	7	7
Deaf and partially hearing	6.6	6.4	6.1	5.6	5.3	5.0	4.7	7	7	7	7
Delicate and physically handicapped	19.0	18.8	18.6	18.0	17.3	16.8	16.2	7	7	7	7
Maladjusted	14.6	14.6	14.3	15.0	14.7	14.5	14.8	7	7	7	7
Educationally sub-normal and mentally handicapped ⁶	90.8	93.5	94.2	92.1	92.8	92.9	92.2	7	7	7	7
Epileptic	2.2	2.0	2.0	1.9	1.8	1.6	1.6	7	7	7	7
Speech defect	4.8	4.1	3.7	3.5	3.1	2.5	2.3	7	7	7	7
Autistic ⁵	0.6	0.6	0.6	0.6	0.7	0.6	0.6	7	7	7	7
Teachers (thousands)											
Full-time teachers	16.2	16.9	17.4	17.6	17.7	17.7	17.8	17.9	17.8	17.7	17.7 ⁸
Full-time equivalent of part-time teachers	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8 ⁸

1 In Wales from 1977 the school census date was advanced to September whereas that for the rest of the United Kingdom remains at January.

2 England, Wales and Northern Ireland only.

3 Excluding part-time teachers in hospital schools, full-time equivalent in 1986 was 32.

4 In the 1986 column, data for Scotland relate to 1984/85.

5 England and Wales only.

6 In 1975 a change was made in the method of recording the major handicap of pupils attending educationally sub-normal (severe) special schools in England and Wales and for the first time a number of them (6 908) were returned within a category other than 'educationally sub-normal'.

7 Information on individual handicaps ceased to be collected in 1984.

8 Including 1984-85 data for Scotland.

(ii) Pupils with statements of special needs in other public sector schools

	1985	1986	1987
Public sector primary schools ⁹	21.1 ¹¹	22.9 ¹¹	24.1
Public sector secondary schools ¹⁰	12.5 ¹¹	15.2 ¹¹	18.1
Total	33.6	38.1	42.2

9 Including middle schools deemed primary.

10 Including middle schools deemed secondary.

11 Including estimated primary/secondary split for Wales.

5.5

Pupils leaving school by sex and highest qualification held

Academic years

	Thousands										
	1976/77	1977/78	1978/79	1979/80	1980/81 ¹	1981/82	1982/83 ¹	1983/84	1984/85 ¹	1985/86	1986/87 ²
Boys and girls											
Total school leavers	868	888	900	915	865	913	902	914	866	871	867
Leavers with GCE 'A' level/SCE 'H' grade passes											
2 or more 'A', 3 or more 'H'	113	117	117	121	122	133	131	136	127	127	129
1 'A', 1 or 2 'H'	33	32	31	33	32	36	37	37	34	34	34
Leavers with GCE 'O' level/CSE/SCE 'O' grades alone											
5 or more A – C awards/CSE grade 1 ³	78	81	83	85	81	90	91	95	93	95	92
1 – 4 A – C awards/CSE grade 1 ³	228	232	241	242	228	240	244	243	232	231	233
No higher grades											
1 or more other grades ⁴	416	427	427	434	{ 284 119	293	293	295	283	283	284
No GCE/SCE or CSE qualifications						121	105	108	98	101	95
Boys											
Total school leavers	445	457	461	469	442	466	460	464	441	444	442
Leavers with GCE 'A' level/SCE 'H' grade passes											
2 or more 'A', 3 or more 'H'	63	64	64	64	65	69	68	70	67	66	66
1 'A', 1 or 2 'H'	16	15	15	16	15	17	17	17	15	16	16
Leavers with GCE 'O' level/CSE/SCE 'O' grades alone											
5 or more A – C awards/CSE grade 1 ³	36	38	38	39	37	41	42	44	43	44	42
1 – 4 A – C awards/CSE grade 1 ³	110	110	116	115	109	115	116	114	108	108	109
No higher grades											
1 or more other grades	220	230	228	234	149	154	155	155	151	151	152
No GCE/SCE or CSE qualifications					68	69	62	64	57	59	56
Girls											
Total school leavers	424	432	439	446	423	447	442	450	425	427	425
Leavers with GCE 'A' level/SCE 'H' grade passes											
2 or more 'A', 3 or more 'H'	51	52	54	58	57	64	63	65	60	61	62
1 'A', 1 or 2 'H'	17	17	17	17	17	19	20	20	19	18	18
Leavers with GCE 'O' level/CSE/SCE 'O' grades alone											
5 or more A – C awards/CSE grade 1 ³	42	43	45	45	44	49	49	50	50	51	50
1 – 4 A – C awards/CSE grade 1 ³	118	122	125	127	120	125	128	129	124	123	124
No higher grades											
1 or more other grades	196	198	199	200	135	139	138	140	131	132	132
No GCE/SCE or CSE qualifications					51	51	44	45	42	43	39

1 Great Britain only.

2 Includes provisional data for Scotland.

3 'O' grades in Scotland (from 1974) and 'O' levels in England, Wales and Northern Ireland (from 1975) have been awarded in bands A to E; awards in

bands A to C can be regarded as equivalent to what were previously rated as passes.

4 The numbers of pupils who left school in Great Britain with no GCE/SCE or CSE qualifications were as follows:

thousands										
1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
147	146	135	132	119	113	105	102	98	95	90

Sources Education Departments

5.6

Numbers and percentages continuing education aged 16 and over by age, sex and type of course

Men and women

1986 – 87

Home students

	Age at 31 August 1986						
	All students	Total 16 – 18	16	17	18	19 – 20	21 – 24 25 and over
Number in thousands							
Total population	–	2 663	866	892	905	1 869	3 850
Full-time and sandwich students							
Schools ¹	483	480	282	174	24	3	–
Further education							
Non-advanced ²	405	317	147	111	57	31	20
Advanced	279	41	–	4	37	109	82
of which Polytechnics ³	179	27	–	2	24	71	54
Universities	273	50	–	4	45	119	76
of which Undergraduates	239	50	–	4	45	118	56
Postgraduates	35	–	–	–	–	–	20
Total full-time and sandwich students ¹	1 441	888	429	296	163	262	178
of which Higher education	553	92	1	8	83	228	158
Part-time students							
Advanced courses							
University (excluding Open University)	45	–	–	–	–	1	6
Open University ⁴	80	–	–	–	–	–	5
Polytechnics (England and Wales)	56	2	–	1	2	7	16
Other higher education, including Polytechnics ³							
Day students	173	10	1	9	10	33	44
Evening students	57	1	–	1	1	4	14
Total part-time advanced courses ⁵	354	12	1	10	12	38	69
Non-advanced courses in further education establishments ⁶							
Day students	714	320	136	102	82	84	56
Evening students ⁷	2 376	248	80	63	104	145	407
Total part-time students	3 469	577	212	173	192	263	538
As percentage of population							
Full-time and sandwich students							
Schools ¹	18.0	32.5	19.5	2.7	0.2	–	–
Further education							
Non-advanced ²	11.9	16.9	12.7	6.3	1.6	0.5	–
Advanced	1.6	0.1	0.4	4.1	5.8	2.1	–
of which Polytechnics	1.0	–	0.3	2.7	3.8	1.4	–
Universities	1.9	–	0.5	5.0	6.4	2.0	–
of which Undergraduates	1.9	–	0.5	5.0	6.3	1.5	–
Postgraduates	–	–	–	–	–	0.5	–
Total full-time and sandwich students ¹	32.7	49.5	33.2	18.0	13.9	4.6	–
of which Higher education	3.4	0.1	0.9	9.1	12.2	4.1	–
Part-time students							
Advanced courses							
University (excluding Open University)	–	–	–	–	0.1	0.2	–
Open University ⁴	–	–	–	–	–	0.1	–
Polytechnics (England and Wales)	0.1	–	–	0.2	0.4	0.4	–
Other higher education, including Polytechnics							
Day students	0.4	–	0.1	1.0	1.8	1.1	–
Evening students	–	–	–	0.1	0.2	0.3	–
Total part-time advanced courses ⁵	0.4	–	0.1	1.1	2.0	1.8	–
Non-advanced courses in further education establishments ⁶							
Day students	12.0	15.2	12.2	8.6	4.2	1.6	–
Evening students ⁷	9.3	9.2	7.1	11.5	7.7	10.8	–
Total part-time students	21.7	24.4	19.4	21.2	14.0	14.0	–

1 Schools data for Scotland relate to 1987–88.

2 Including 6 055 students (4 852 men) (provisional) in Polytechnics (and Central Institutions in Scotland).

3 Including Central Institutions in Scotland.

4 Provisional. Excluding some 1 300 students for whom data by age and sex are not available.

5 Excluding 95 100 (provisional) students enrolled on nursing and paramedical courses at DHSS establishments.

6 Including 11 084 students (5 561 men) in Polytechnics (and Central Institutions in Scotland).

7 Including estimated age detail for 1 663 thousand students aged 16 years or more in adult education centres; excluding youth clubs and centres. Excluding 499 thousand students on courses run by Responsible Bodies for whom age detail was not available. Responsible Bodies are the extramural departments of universities, the Workers' Educational Association and the Welsh Council of the Young Men's Christian Association.

Sources Education Departments

5.7 Students in further education by mode of study¹

Autumn term

	Thousands											
	1975	1976	1977	1978	1979 ²	1980	1981	1982	1983	1984	1985	1986
Major establishments												
Full-time ³	495	508	499	498	495	510	564	603	595	594	608	624
Sandwich	52	56	59	62	65	68	74	83	90	90	90	91
Part-time day	830	789	790	846	836	820	806	787	846	891	914	915
Evening	860	773	739	778	698	694	692	720	771	780	807	852
Total	2 237	2 126	2 087	2 184	2 094	2 092	2 136	2 193	2 302	2 354	2 419	2 482
Adult education centres												
(England and Wales only)	1 982	1 797	1 708	2 005	1 849	1 645	1 609	1 632	1 734	1 693	1 478 ⁴	1 519 ⁵

- 1 Excluding students on non-vocational courses in Scotland and Northern Ireland.
2 In previous years this time series was based on ages as at 31 December, from this year the basis has been changed to 31 August.

3 Including from 1977, teacher training colleges of education in Scotland and Northern Ireland.
4 From 1985 onwards, excludes students aged 18 and over in youth clubs and centres.
5 In 1986 contains 50 thousand men and 88 thousand women aged 18 years and under (excluding those in youth clubs and centres); and 362 thousand men and 1 020 thousand women aged 19 years and over.

Sources Education Departments

5.8 Full-time students from abroad

(i) Enrolments by type of course, sex and country, in the universities and public sector and assisted establishments of further education.
Autumn 1986

	Thousands							
	Advanced			Non-advanced		Men	Women	Total
	Postgraduate level	First degree level or equivalent	Other	GCE/SCE and CSE	Other			
Europe								
Cyprus	0.1	0.8	0.2	—	0.1	0.8	0.4	1.2
Germany, Federal Republic	0.4	1.5	0.1	—	0.2	1.1	1.1	2.2
Greece	1.2	0.8	0.1	0.1	0.1	1.8	0.6	2.5
Ireland, Republic of	0.3	0.6	0.1	—	0.2	0.6	0.6	1.3
Norway	0.1	1.0	—	—	—	0.9	0.3	1.2
Other	1.4	2.7	0.4	0.1	0.9	2.9	2.6	5.5
Australasia								
Australia	0.3	0.1	—	—	—	0.3	0.1	0.4
New Zealand	0.1	—	—	—	—	0.1	0.1	0.2
Other	0.1	—	—	—	—	0.1	—	0.1
Africa								
Algeria	1.1	0.1	—	—	—	1.0	0.1	1.2
Ghana	0.2	0.1	—	—	0.1	0.3	0.1	0.4
Kenya	0.4	0.4	0.1	—	0.1	0.8	0.3	1.1
Libya	0.2	0.1	0.3	—	0.1	0.7	—	0.7
Mauritius	—	0.2	—	—	—	0.2	0.1	0.3
Nigeria	1.2	0.6	0.5	—	0.2	1.9	0.8	2.6
South Africa	0.3	0.1	—	—	—	0.3	0.2	0.4
Tanzania	0.2	0.1	0.1	—	0.1	0.3	0.1	0.4
Zimbabwe	0.1	0.1	—	—	0.1	0.3	0.1	0.3
Other	1.6	1.2	0.5	0.1	0.4	3.1	0.7	3.9
The Americas								
Canada	0.7	0.3	—	—	—	0.6	0.4	1.0
USA	1.3	3.0	0.3	—	0.6	2.3	2.9	5.1
Venezuela	—	—	—	—	—	—	—	0.1
Other	1.1	0.6	0.1	—	0.2	1.3	0.8	2.1

Sources Education Departments

5.8

Full-time students from abroad

(i) Enrolments by type of course, sex and country, in the universities and public sector and assisted establishments of further education.
Autumn 1986

Thousands

	Advanced			Non-advanced		Men	Women	Total
	Postgraduate level	First degree level or equivalent	Other	GCE/SCE and CSE	Other			
Asia								
Hong Kong	1.0	4.7	0.4	0.8	0.3	5.1	2.1	7.2
Brunei	0.1	0.5	0.2	0.1	0.1	0.6	0.3	1.0
Indonesia	0.3	0.1	0.2	—	—	0.5	0.1	0.6
India	0.5	0.2	0.2	—	0.2	0.9	0.2	1.1
Iran	0.9	0.4	0.1	0.2	0.1	1.4	0.3	1.7
Iraq	1.0	0.3	0.1	—	—	1.4	0.1	1.4
Jordan	0.2	0.2	—	0.1	0.1	0.5	0.1	0.6
Malaysia	1.3	4.0	0.7	0.2	0.2	4.4	2.1	6.5
Pakistan	0.6	0.1	0.1	—	0.2	0.9	0.1	1.0
Singapore	0.4	1.4	0.1	—	—	1.3	0.6	1.9
Sri Lanka	0.2	0.2	0.1	—	0.2	0.6	0.1	0.7
Turkey	0.2	—	0.1	—	0.1	0.3	0.1	0.3
Thailand	0.1	0.1	—	—	0.1	0.2	0.1	0.3
Other	3.8	1.3	0.6	0.2	1.1	5.6	1.3	6.9
Stateless/Unknown	—	0.1	—	—	—	0.1	0.1	0.2
All countries	23.2	28.0	5.9	2.2	6.3	45.5	20.2	65.6
Foreign	14.9	12.9	2.7	0.9	4.1	24.2	11.2	35.4
Commonwealth	8.4	15.1	3.2	1.4	2.2	21.2	9.0	30.2

(ii) Entrants and enrolments by grouped country of domicile in the universities and public sector and assisted establishments of further education.

Thousands

	Entrants										
	1975 – 76 ¹	1977 – 78 ¹	1978 – 79 ¹	1979 – 80	1980 – 81	1981 – 82	1982 – 83	1983 – 84	1984 – 85	1985 – 86	1986 – 87 ²
European Community	2.0	1.9	2.0	1.9	3.0	3.0	3.6	3.7	4.5	5.6	6.3
Europe	..	5.2	5.1	4.7	4.1	3.9	4.9	4.8	3.5	4.0	2.1
OPEC	11.6	14.1	12.6	10.8	9.4	8.0	6.9	6.0	5.7	6.4	5.8
Commonwealth	23.6	24.0	23.5	23.2	18.1	15.7	13.6	14.3	14.6	16.9	16.3
Non-Commonwealth	23.1	24.8	24.6	21.6	17.3	14.9	14.7	14.7	16.9	21.6	22.9
Developing countries	39.3	40.1	38.9	37.5	29.5	24.5	22.0	22.4	21.0	24.1	24.3
All countries ³	46.7	48.8	48.1	44.9	35.6	30.7	28.3	29.0	31.5	38.5	39.1
of which											
Advanced	26.8	29.1	28.7	26.4	23.8	24.5	23.0	23.7	26.5	31.0	32.9
Non-advanced	19.9	18.8	18.9	18.5	11.8	6.2	5.3	5.3	5.0	7.5	6.3
	Enrolments										
	1975 – 76 ¹	1977 – 78 ¹	1978 – 79 ¹	1979 – 80	1980 – 81	1981 – 82	1982 – 83	1983 – 84	1984 – 85	1985 – 86 ⁴	1986 – 87 ²
European Community	2.6	3.0	3.1	3.0	5.3	5.3	6.4	6.6	7.4	8.9	10.1
Europe	..	9.1	9.0	8.6	8.3	7.5	8.8	9.0	6.6	7.0	3.9
OPEC	17.1	23.2	22.3	19.8	17.4	15.1	12.5	11.8	10.5	10.7	9.9
Commonwealth	39.8	44.0	44.5	43.0	38.7	32.7	28.0	27.4	28.1	30.2	30.2
Non-Commonwealth	35.0	41.2	41.2	40.0	32.3	27.8	25.6	25.8	28.0	33.5	35.4
Developing countries	62.2	71.5	71.4	68.6	60.9	50.4	43.9	42.9	39.4	42.0	43.4
All countries ³	74.8	85.1	85.8	82.9	71.2	60.6	53.8	53.2	56.1	63.7	65.6
of which											
Advanced	48.1	56.0	57.0	56.2	51.6	49.4	45.6	45.3	48.6	53.7	57.1
Non-advanced	26.8	27.5	27.1	26.7	19.7	11.2	8.2	7.9	7.5	10.0	8.5

1 Great Britain data.

2 Includes partly estimated data for Scotland.

3 Numbers in grouped countries do not sum to all overall student numbers due to overlap.

4 Includes provisional data for enrolments at Universities.

Sources Education Departments

5.9

Students in education by type of course, mode of study, sex and subject group¹

Home and overseas students

Academic year 1986–87²

Thousands

	Postgraduate level		Undergraduate level or equivalent		Other higher education		Total higher education	Non-advanced further education ³		All students		
										Full-time ⁴		Part-time ⁵
	Full-time ⁴	Part-time ⁵	Full-time ⁴	Part-time ⁵	Full-time ⁴	Part-time ⁵		Full-time ⁴	Part-time ⁵	Home	Home and over-seas	Home and over-seas ⁶
Male												
Subject group												
1. Education	6.0	5.9	5.8	2.1	2.3	10.3	32.4	5.1	2.0	17.8	19.3	20.2
2. Medicine, dentistry and health	2.3	2.3	16.2	0.3	1.0	2.8	24.9	1.2	5.6	18.6	20.7	11.0
3. Engineering and technology	8.8	4.2	56.6	4.8	18.2	56.5	149.0	56.6	287.0	124.9	140.1	352.5
4. Agriculture, forestry and veterinary science	0.9	0.3	2.9	—	1.4	0.1	5.6	4.9	18.6	9.2	10.1	19.0
5. Science	11.2	4.9	57.7	3.0	8.3	7.6	92.5	8.2	16.4	78.4	85.3	31.8
6. Administrative, business and social studies	9.5	12.3	56.1	5.6	13.3	46.2	142.9	19.7	63.4	88.1	98.6	133.3
7. Architecture and other professional and vocational subjects	2.2	1.3	8.7	0.6	4.4	2.2	19.4	18.9	40.6	31.3	34.2	44.7
8. Languages, literature and area studies	1.7	1.5	12.8	0.5	0.1	0.4	17.0	0.3	10.8	13.0	15.0	13.1
9. Arts other than languages	1.4	1.8	12.0	1.0	0.6	0.3	17.1	2.0	22.4	14.9	16.0	25.4
10. Music, drama, art and design	1.1	0.7	13.4	0.8	4.8	0.2	20.9	11.8	13.5	30.0	31.1	15.2
11. GCE, SCE and CSE	—	—	—	—	—	—	—	44.2	110.9	42.7	44.2	110.3
12. Other	0.2	—	0.2	—	0.2	—	0.6	23.7	124.8 ⁷	24.1	24.3	124.8
All subjects	45.5	35.1	242.3	18.5	54.6	126.6	522.5	196.6	716.0	493.1	538.7	902.1
Female												
Subject group												
1. Education	7.5	4.7	23.6	3.9	2.7	16.9	59.3	5.0	3.2	37.9	38.8	28.7
2. Medicine, dentistry and health	1.8	1.6	18.0	0.7	4.6	5.9	32.7	15.9	15.9	39.2	40.4	24.1
3. Engineering and technology	1.0	0.5	7.8	0.3	2.0	2.2	13.8	5.5	21.2	14.6	16.4	24.2
4. Agriculture, forestry and veterinary science	0.3	0.1	2.3	—	0.4	0.1	3.2	1.5	5.8	4.3	4.6	6.0
5. Science	3.6	1.7	33.3	1.4	2.8	3.9	46.7	3.7	14.1	40.0	43.4	21.0
6. Administrative, business and social studies	5.6	5.7	51.4	4.1	15.2	34.8	116.8	56.8	195.2	122.2	128.9	239.8
7. Architecture and other professional and vocational subjects	1.2	0.6	7.1	0.3	4.9	1.0	15.0	44.6	98.2	56.8	57.7	100.0
8. Languages, literature and area studies	1.5	1.5	26.9	1.2	0.7	0.7	32.6	1.5	15.7	28.4	30.6	19.2
9. Arts other than languages	0.6	0.9	13.7	1.5	0.9	0.5	18.1	2.0	39.0	16.2	17.2	41.9
10. Music, drama, art and design	1.1	0.6	19.2	1.0	5.2	0.3	27.5	16.2	22.3	40.5	41.7	24.3
11. GCE, SCE and CSE	—	—	—	—	—	—	—	54.1	171.7	53.4	54.1	171.7
12. Other	0.5	—	1.8	—	0.2	—	2.5	23.9	247.4 ⁷	26.2	26.4	247.4
All subjects	24.7	18.0	205.0	14.4	39.7	66.3	368.1	230.7	849.7	479.7	500.1	948.5
Persons												
Subject group												
1. Education	13.5	10.7	29.4	5.9	5.1	27.2	91.7	10.1	5.2	55.7	58.1	48.9
2. Medicine, dentistry and health	4.1	3.9	34.3	1.1	5.6	8.7	57.6	17.1	21.5	57.8	61.1	35.1
3. Engineering and technology	9.8	4.7	64.4	5.1	20.2	58.7	162.9	62.1	308.2	139.6	156.5	376.7
4. Agriculture, forestry and veterinary science	1.2	0.4	5.2	—	1.9	0.2	8.9	6.4	24.4	13.6	14.7	25.0
5. Science	14.8	6.6	91.0	4.3	11.0	11.4	139.2	11.8	30.4	118.4	128.6	52.8
6. Administrative, business and social studies	15.1	18.0	107.4	9.7	28.5	81.0	259.7	76.4	264.6	210.3	227.5	373.2
7. Architecture and other professional and vocational subjects	3.4	1.9	15.8	0.9	9.4	3.1	34.4	63.4	138.8	88.1	91.9	144.7
8. Languages, literature and area studies	3.2	3.0	39.7	1.7	0.8	1.1	49.5	1.8	26.5	41.5	45.6	32.3
9. Arts other than languages	2.1	2.6	25.7	2.5	1.5	0.8	35.2	4.0	61.4	31.1	33.2	67.3
10. Music, drama, art and design	2.2	1.3	32.5	1.8	10.1	0.6	48.4	28.0	35.9	70.5	72.8	39.5
11. GCE, SCE and CSE	—	—	—	—	—	—	—	98.3	282.5	96.1	98.3	282.5
12. Other	0.7	—	2.0	—	0.4	—	3.1	47.6	372.1 ⁷	50.3	50.7	372.2
All subjects	70.1	53.1	447.4	32.9	94.3	192.8	890.6	427.1	1,571.6	972.9	1,038.8	1,850.5

1 Excluding data for pupils at schools and for the Open University for which subject detail in this format is not available.

2 Data for Scotland (except for universities) relate to 1985–86.

3 Including 712.8 thousand students in all modes in England, Wales and Northern Ireland who are taking unspecified courses.

4 Including sandwich students.

5 Day and evening.

6 Including 9.5 thousand part-time students from abroad.

7 Including students in England formerly allocated to 'unspecified' education courses.

Source Education Departments

5.10

Degrees and classes of degree and national diplomas and certificates by subject of study,¹ sex and awarding body in the year ended 31 December 1986²

Thousands

	Edu- cation	Medicine, dentistry and health	Engin- eering and tech- nology	Agricul- ture, forestry and veterinary science	Science	Admin- istrative, business and social studies	Arch- itecture and other pro- fessional and vocational studies	Language, literature and area studies	Arts other than languages ³	Music, drama, art and design ³	All students	Men
Higher degree												
University ⁴	3.1	1.6	3.9	0.6	5.3	6.4	0.8	1.6	0.9	0.3	24.5	17.3
CNAAs	0.2	0.1	0.5	—	0.6	0.6	0.1	—	0.1	0.3	2.4	1.8
Total	3.3	1.7	4.4	0.6	5.9	6.9	0.9	1.6	1.0	0.6	26.9	19.1
Higher diplomas and certificates												
University ^{5, 6}	6.0	0.6	0.3	0.1	0.5	2.6	0.3	0.1	0.1	0.1	10.6	5.3
CNAAs	1.9	—	0.3	—	—	0.6	0.5	0.1	—	0.1	3.6	1.4
Total	8.0	0.6	0.6	0.1	0.5	3.2	0.7	0.2	0.1	0.2	14.2	6.7
First degree University ⁴	1.4	6.1	9.7	1.3	17.3	17.8	1.2	8.9	4.9	1.4	69.9	40.5
CNAAs ⁶	3.8	1.2	6.0	0.1	8.0	10.5	2.9	1.3	3.3	6.6	43.9	23.7
University validated degrees (GB) ⁶	2.7	0.1	—	—	1.1	0.6	0.2	0.4	1.7	0.8	7.5	2.3
Total	7.9	7.4	15.8	1.4	26.3	28.9	4.4	10.6	9.9	8.8	121.2	66.5
First university diplomas and certificates ^{6, 7}	0.6	0.5	1.5	—	1.4	0.8	0.2	0.2	0.2	—	5.4	3.2
CNAAs diplomas and certificates ⁸	3.2	0.1	—	—	0.1	2.2 ¹³	—	0.1	0.2	0.1	6.2 ¹⁴	3.6
Higher national diploma/certificate ^{9, 10}	—	—	1.8	—	0.1	1.9	—	—	—	—	3.8	—
BTEC higher diploma	—	—	3.8	0.5	2.6	5.5	—	—	—	2.0	14.5	9.2
BTEC higher certificate	—	—	12.6	—	2.6	3.3	—	—	—	0.2	18.7	15.6
SCOTVEC higher diploma/certificate ^{9, 10}	—	—	2.0	0.1	1.0	1.7	0.5	—	—	—	3.6	..
Total ¹	—	—	20.3	0.6	6.3	10.7	0.5	—	—	2.3	40.6	..
Professional (public sector) ¹¹	0.8	3.8	4.7	—	1.8	23.8	3.0	0.8	—	1.2	40.0	24.7
Total higher education ¹	23.7	14.1 ¹²	47.2	2.8	42.3	76.5	9.7	13.5	11.4	13.2	254.6 ^{12, 14}	..
Ordinary national diploma/certificate ^{9, 10}	—	—	0.1	—	—	0.5	—	—	—	—	0.5	..
BTEC ordinary diploma	—	—	6.8	0.9	2.6	16.7	—	—	—	5.3	32.3	17.2
BTEC ordinary certificate	—	—	18.2	—	3.2	21.6	—	—	—	0.9	43.9	27.9
SCOTVEC ordinary diploma/certificate ^{9, 10}	—	0.1	4.4	1.1	0.8	—	0.8	—	—	0.3	17.4	..
Total	—	0.1	29.4	2.0	6.6	38.8	0.8	—	—	6.4	84.1	..
Grand Total	23.7	14.2 ¹²	76.6	4.8	48.9	115.3	10.5	13.5	11.4	19.6	338.7 ^{12, 14}	..
Men ⁹												
Higher degrees	2.1	1.0	3.9	0.5	4.4	4.8	0.6	0.8	0.7	0.3	19.1	19.1
Higher diplomas and certificates	3.0	0.3	0.6	0.1	0.4	1.8	0.4	0.1	0.1	0.1	6.7	6.7
First degrees (excluding university validated)	1.4	3.6	14.2	0.8	15.7	15.3	2.5	3.3	4.1	3.3	64.2	64.2
First university diplomas and certificates	0.2	0.2	1.1	—	1.1	0.4	0.1	—	0.1	—	3.2	3.2
CNAAs diplomas and certificates	1.5	—	—	—	—	1.7 ¹³	—	—	0.1	—	3.6 ¹⁴	3.6
Professional (public sector) ¹¹	0.3	0.9	4.4	—	1.2	14.7	2.3	0.2	—	0.5	24.7	24.7

1 Teacher training results are shown in table 5.12. However these overlap with results shown here.

2 Excluding qualifications from the private sector.

3 University and CNAAs data for these subject groups have been estimated.

4 Excluding Open University degrees for which subject detail in this format is not available. These numbered 78 higher degrees, 1 387 honours degrees (723 men) and 6 602 ordinary degrees (3 288 men).

5 Including Postgraduate Certificates in Education (PGCE's).

6 Department of Education and Science (DES) estimates based on various sources.

7 Excluding students who successfully completed courses for which formal qualifications are not awarded.

8 Including Dip HE, Certificates of Education and PGCEs.

9 Data by sex are not available for HND/HNC; SCOTVEC diplomas and certificates; OND/ONC.

10 Scotland data are for 1985.

11 DES estimates based on final year of course data.

12 In addition, 35 000 students obtained nursing and paramedical qualifications at Department of Health and Social Security establishments.

13 Including Diploma in Management studies, which is equivalent to First Degree. These numbered 2 089 students (1 635 men).

14 Including 212 students (84 men) awarded CNAAs certificates for which subject detail is not available.

Source Education Departments

5.11

Lecturers and teachers by type of establishment, sex and graduate status

Percentage trained

(i) Full-time

	1981–82		1982–83		1983–84		1984–85		1985–86		1986–87		
	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	% Gradu- ates trained ¹
United Kingdom													
Males													
Schools ²													
Public sector													
Primary ³	46	25.6	45	27.5	43	29.5	42	31.3	41	33.2	41	35.5	96.7
Secondary	153	59.4	152	61.2	150	62.6	147	64.0	144	65.3	140	65.7	88.3
Non-maintained ⁴	20	79.8	21	79.9	21	80.8	21	81.6	21	82.4	21	83.4	..
Special	6	26.9	6	29.3	6	31.6	6	33.4	6	35.4	6	36.4	34.2
All schools ^{2,4}	227	53.4	224	55.2	221	56.9	216	58.5	213	59.9	209	60.7	..
Establishments of further education ⁵	70	43.5	71	43.7	71	44.3	70	45.2	69	45.9	69	46.6	50.1
Universities ⁶	30	98.8	28	98.9	28	98.9	28	98.9	28	99.0	28	99.0	..
All establishments ^{2,7}	329	55.3	325	56.4	321	57.4	315	58.9	311	60.1	308	60.5	..
Females													
Schools ²													
Public sector													
Primary ³	167	16.0	162	17.4	160	19.4	159	21.1	160	22.8	162	23.8	96.3
Secondary	126	51.5	126	53.8	126	55.8	124	57.3	123	58.4	120	59.7	90.2
Non-maintained ⁴	20	50.8	20	52.8	21	53.7	21	55.4	22	56.1	22	56.9	..
Special	13	22.8	13	24.9	13	26.7	13	28.5	13	30.1	13	30.9	94.9
All schools ^{2,4}	327	32.1	321	34.2	319	36.3	317	37.9	317	39.1	318	40.0	..
Establishments of further education ⁵	20	42.2	21	43.0	22	44.2	23	45.3	23	46.7	24	47.1	61.4
Universities ⁶	4	98.7	3	98.6	3	98.5	4	98.4	4	98.9	4	98.7	..
All establishments ^{2,7}	352	33.3	347	35.4	347	37.3	345	39.0	346	40.2	348	40.8	..
England and Wales													
All schools ²													
Males	200	51.9	198	53.9	195	55.8	191	57.5	187	59.0	183	59.9	89.6
Females	280	32.1	276	34.3	275	36.4	273	38.2	274	39.6	274	40.5	92.5
Scotland													
All schools ⁴													
Males	20	67.9	19	68.2	19	68.0	19	68.6	..	..	..	..	..
Females	35	31.3	34	32.3	33	33.8	32	34.3	..	..	..	..	..
Northern Ireland													
All schools ⁴													
Males	7	55.6	7	56.8	7	57.9	7	58.8	7	59.9	7	60.7	..
Females	12	35.6	11	37.3	11	39.0	11	40.8	11	42.5	11	44.0	..

(ii) Part-time

	1981–82		1982–83		1983–84		1984–85		1985–86		1986–87		
	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	All 000s	% Gradu- ate	% Gradu- ates trained
Great Britain⁸													
Persons	..	..	..	..	..	..	..	..	..	..	..	..	..
Persons—full-time equivalent	40	..	40	..	41	..	42	..	43 ²	..	45 ²	..	..
Schools ⁹	18	..	17	..	18	..	19	..	19 ²	..	20 ²	..	..
Establishments of further education ¹⁰	23	..	23	..	23	..	23	..	23	..	24	..	..

1 England and Wales only; partly estimated.

2 1985–86 and 1986–87 include 1984–85 schools data for Scotland; 1985–86 also includes estimated data for the maintained sector in England and Wales.

3 Including nursery schools.

4 Excluding independent schools in Scotland and Northern Ireland.

5 Excluding Ulster Polytechnic. Figures include teacher training.

6 Excluding 631 male and female professors and lecturers, and 5 301 part-time tutorial and counselling staff employed by the Open University at January 1987.

7 Totals include a number of teachers in England and Wales classified as miscellaneous who are not shown above (about 2,500 men and 3,000 women in 1986–87).

8 Excluding universities.

9 Excluding independent schools. Figures include unqualified teachers in England and Wales (about 1,070 in 1986–87).

10 England and Wales only up to 1983–84.

5.12

Initial training of teachers by sex, type of course and stage
United Kingdom
Men and Women

	Thousands										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Admissions to courses of initial training¹											
University Departments of Education											
Courses for graduates	5.0	5.2	5.2	5.1	5.7	5.7	4.9	4.8	4.5	4.3	4.4 ²
Courses for non-graduates	0.6	0.3	0.7	0.6	0.6	0.5	0.7	0.6	0.7	0.6	0.6 ²
Total	5.6	5.5	5.9	5.7	6.2	6.2	5.5	5.3	5.2	5.0	5.0 ²
Other institutions											
Courses for graduates	6.9	5.6	6.1	6.4	7.0	6.8	5.2	4.6	4.6	4.8	5.3
Courses for non-graduates	23.5	16.7	13.1	11.2	8.7	9.1	9.7	9.9	9.1	9.5	9.8
Total	30.4	22.4	19.2	17.6	15.7	15.9	15.0	14.5	13.6	14.3	15.1
Students on initial training courses³											
University Departments of Education											
Courses for graduates	5.0	5.3	5.1	5.1	5.7	5.7	4.9	4.8	4.5	4.4	4.4 ²
Courses for non-graduates	1.1	1.2	2.0	1.9	2.0	2.2	2.3	2.2	2.3	2.2	2.1 ²
Total	6.1	6.5	7.1	7.0	7.7	7.9	7.2	7.0	6.9	6.6	6.6 ²
Other institutions											
Courses for graduates	6.9	5.9	5.2	6.5	7.0	6.8	5.2	4.5	4.5	4.8	5.3
Courses for non-graduates	88.2	64.3	45.6	35.1	28.0	25.9	25.0	26.1	25.7	28.1	28.8
Total	95.0	70.2	50.8	41.6	35.1	32.7	30.3	30.7	30.3	33.0	34.1
Students successfully completing courses of initial training^{4,5}											
University Departments of Education											
Courses for graduates	4.8	4.9	4.7	4.9	4.8	5.4	5.4	4.6	4.5	4.3	4.3
Courses for non-graduates	0.4	0.2	0.4	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Total	5.1	5.1	5.0	5.7	5.5	6.0	6.0	5.2	5.1	4.9	4.8
Other institutions											
Courses for graduates	7.2	5.8	5.7	6.2	6.2	6.6	6.3	5.0	4.2	4.6	4.0
Courses for non-graduates	34.0	27.8	27.5	19.8	13.1	9.6	8.5	7.3	7.0	6.0	6.5
Total	41.2	33.5	33.2	26.0	19.4	16.2	14.8	12.3	11.2	10.6	10.5

1 Calendar year.

2 Including 1985 data for England.

3 October/November of year shown.

4 Academic year ending in year shown.

5 Including students in England and Wales who failed their B.Ed. degree course but have received qualified teacher status, on the basis of a non-degree qualification obtained in an earlier year.

Sources Education Departments

5.13

Full-time teaching and research staff at universities¹
United Kingdom
Academic years

	Number					
	Professors	Readers and senior lecturers	Lecturers and assistant lecturers	Other	Total	Percentage annual change
1970/71	3 432	5 646	18 606	983	28 667	4.1
1971/72	3 492	6 034	19 215	914	29 655	3.5
1972/73	3 649	6 475	19 651	969	30 744	3.7
1973/74	3 753	6 972	19 698	1 031	31 454	2.3
1974/75	3 906	7 398	19 883	914	32 101	2.1
1975/76	3 989	7 617	19 722	880	32 208	0.3
1976/77	4 124	7 877	20 022	712	32 735	1.6
1977/78	4 164	8 163	19 980	677	32 984	0.8
1978/79	4 225	8 454	20 302	714	33 695	2.2
1979/80	4 337	8 734	20 518	661	34 250	1.6
1980/81	4 382	8 809	20 460	646	34 297	0.1
1981/82	4 351	8 777	20 045	562	33 735	-1.6
1982/83	4 017	8 284	18 885	456	31 642	-6.2
1983/84	3 893	8 145	18 595	463	31 096	-1.7
1984/85 ²	3 807	7 942	18 737	557	31 043	-0.2
1985/86	3 959	8 025	18 850	578	31 412	1.2
1986/87	4 070	8 074	18 711	577	31 432	0.1

1 Full-time teaching and research staff in post wholly financed from general university funds excluding the Open University.

2 Includes Ulster Polytechnic which merged with the University of Ulster in October 1984.

Source University Grants Committee

5.14 Students at universities^{1, 2}
Academic years

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ³	1985/86	1986/87
Full-time students											
Total full-time students of which	279 321	288 135	295 923	300 526	306 614	308 394	303 965	300 593	305 008	310 145	316 290
Total overseas students	34 075	35 494	36 839	35 177	31 275	28 365	27 520	28 732	29 994	34 357	36 675
Total postgraduate students	51 052	49 674	49 990	48 536	48 439	47 674	46 232	48 355	50 189	53 805	56 199
Total women students	95 574	100 222	105 265	110 509	115 691	118 840	119 381	118 910	122 555	125 203	128 814
Overseas students as a percentage of total	12.2	12.3	12.4	11.7	10.2	9.2	9.1	9.6	9.8	11.1	11.6
Postgraduate students as a percent- age of total	18.3	17.2	16.9	16.2	15.8	15.5	15.2	16.1	16.5	17.3	17.8
Women students as a percentage of total	34.2	34.8	35.6	36.8	37.7	38.5	39.3	39.6	40.2	40.4	40.7
At undergraduate level											
Total ⁴	228 269	238 461	245 933	251 990	258 175	260 720	257 733	252 238	254 819	256 340	260 091
Men	146 626	152 067	154 996	155 987	157 335	156 685	152 869	148 633	148 367	148 320	149 516
Women	81 643	86 394	90 937	96 003	100 840	104 035	104 864	103 605	106 452	108 020	110 575
From United Kingdom											
Total	212 247	221 125	227 708	234 379	242 771	246 965	244 506	238 751	240 918	240 401	242 546
Men	134 561	139 083	141 598	143 320	146 162	146 886	143 580	139 231	138 812	137 715	138 121
Women	77 686	82 042	86 110	91 059	96 609	100 079	100 926	99 520	102 106	102 686	104 425
From overseas											
Total	16 021	17 336	18 225	17 611	15 404	13 755	13 227	13 487	13 901	15 939	17 545
Men	12 064	12 984	13 398	12 667	11 173	9 799	9 289	9 402	9 555	10 605	11 395
Women	3 957	4 352	4 827	4 944	4 231	3 956	3 938	4 085	4 346	5 334	6 150
At postgraduate level											
Total	51 052	49 674	49 990	48 536	48 439	47 674	46 232	48 355	50 189	53 805	56 199
Men	37 121	35 846	35 662	34 030	33 588	32 869	31 715	33 050	34 086	36 622	37 960
Women	13 931	13 828	14 328	14 506	14 851	14 805	14 517	15 305	16 103	17 183	18 239
From United Kingdom											
Total	32 998	31 516	31 376	30 970	32 568	33 064	31 939	33 110	34 096	35 388	36 536
Men	22 580	21 356	20 885	20 120	21 072	21 354	20 527	21 172	21 502	22 125	22 599
Women	10 418	10 160	10 491	10 850	11 496	11 710	11 412	11 938	12 594	13 263	13 937
From overseas											
Total	18 054	18 158	18 614	17 566	15 871	14 610	14 293	15 245	16 093	18 417	19 663
Men	14 541	14 490	14 777	13 910	12 516	11 515	11 188	11 878	12 584	14 497	15 361
Women	3 513	3 668	3 837	3 656	3 355	3 095	3 105	3 367	3 509	3 920	4 302
Part-time students											
Total part-time students	27 337	28 679	29 553	31 412	33 311	34 613	34 942	36 319	40 752	42 274	44 519
At undergraduate level											
Total	3 812	4 169	4 086	4 381	4 779	5 258	5 450	6 159	8 806	9 172	9 441
Men	1 944	2 086	2 068	2 223	2 421	2 476	2 496	2 839	4 491	4 542	4 514
Women	1 868	2 083	2 018	2 158	2 358	2 782	2 954	3 320	4 315	4 630	4 927
At postgraduate level											
Total	23 525	24 510	25 467	27 031	28 532	29 355	29 492	30 160	31 946	33 102	35 078
Men	17 911	18 156	18 638	19 373	20 143	20 352	20 072	20 270	21 203	21 720	23 037
Women	5 614	6 354	6 829	7 658	8 389	9 003	9 420	9 890	10 743	11 382	12 041

1 Excluding the Open University.

2 Overseas students are defined by fee-paying status. From 1980/81 most European Community students paid home fees and are therefore excluded from the overseas figures.

3 Includes Ulster Polytechnic which merged with the University of Ulster in October 1984.

4 Including 1 student in 1975/6 whose fee paying status was not known.

Source University Grants Committee

5.15

Students at universities¹

United Kingdom

New admissions taking courses, and numbers of full-time students by country of home residence and university residence

Academic years

Academic years												Number
		1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85 ²	1985/86 ²	1986/87
New students admitted												
(full-time only)												
Men		50 687	52 359	52 870	51 997	52 214	50 646	48 387	46 939	50 280	49 108	49 569
Women		28 598	30 463	32 014	33 906	34 613	33 879	33 452	32 601	36 178	35 689	36 649
Students taking courses												
(full and part-time)												
Men		203 602	208 155	211 364	211 613	213 487	212 382	207 152	204 792	208 147	211 204	215 027
Women		103 056	108 659	114 112	120 325	126 438	130 625	131 755	132 120	137 613	141 215	145 782
Full-time students:												
Total	Men	183 747	187 913	190 658	190 017	190 923	189 554	184 584	181 683	182 453	184 942	187 476
	Women	95 574	100 222	105 265	110 509	115 691	118 840	119 381	118 910	122 555	125 203	128 814
Advanced	Men	37 121	35 846	35 662	34 030	33 588	32 869	31 715	33 050	34 086	36 622	37 960
	Women	13 931	13 828	14 328	14 506	14 851	14 805	14 517	15 305	16 103	17 183	18 239
First degree	Men	144 469	150 122	152 711	153 852	155 601	154 991	151 299	146 806	145 434	145 166	146 052
	Women	79 825	84 371	88 789	94 041	99 107	102 416	103 201	101 841	103 976	104 918	107 195
First diploma	Men	349	267	301	360	281	275	178	212	1 132	211	240
	Women	224	299	201	173	119	123	93	101	543	272	198
Others	Men	1 808	1 678	1 984	1 775	1 453	1 419	1 392	1 615	1 801	2 943	3 224
	Women	1 594	1 724	1 947	1 789	1 614	1 496	1 570	1 663	1 933	2 830	3 182
Part-time students:												
Total	Men	19 855	20 242	20 706	21 596	22 564	22 828	22 568	23 109	25 694	26 262	27 551
	Women	7 482	8 437	8 847	9 816	10 747	11 785	12 374	13 210	15 058	16 012	16 968
Advanced	Men	17 911	18 156	18 638	19 373	20 143	20 352	20 072	20 270	21 203	21 720	23 037
	Women	5 614	6 354	6 829	7 658	8 389	9 003	9 420	9 890	10 743	11 382	12 041
First degree	Men	1 335	1 440	1 392	1 503	1 644	1 699	1 770	1 896	2 694	2 740	2 770
	Women	1 015	1 143	1 095	1 200	1 378	1 751	1 972	2 199	2 785	3 192	3 298
First diploma	Men	20	80	30	61	84	70	52	70	824	392	175
	Women	70	93	43	52	64	48	26	31	263	113	63
Occasional	Men	589	566	646	659	693	707	674	873	973	1 410	1 569
	Women	783	847	880	906	916	983	956	1 090	1 267	1 325	1 566
Country of home residence:³												
United Kingdom		243 372	250 673	257 065	262 527	270 442	273 443	270 323	266 458	269 872	270 440	273 326
Foreign and Commonwealth countries		35 949	37 462	38 858	37 999	36 172	34 951	33 642	34 135	35 136	39 705	42 964
University residence^{4, 5}												
Colleges and hostels:	Men	83 087	86 227	87 162	86 911	87 766	88 974	87 196	86 486	85 588	86 570	87 373
	Women	43 062	45 718	47 736	50 557	52 728	53 542	54 569	54 368	54 742	55 520	57 157
Lodgings:	Men	63 780	65 519	67 592	67 983	69 131	68 016	66 566	65 752	64 311	67 197	65 858
	Women	32 462	33 963	36 577	37 881	40 568	42 838	42 949	42 941	43 379	45 990	45 857
At home:	Men	29 308	29 065	28 947	28 173	27 758	26 156	25 340	23 423	23 356	22 950	23 061
	Women	16 134	16 257	16 658	17 343	18 029	17 674	17 715	16 680	17 209	17 447	18 134

1 Excluding the Open University.

2 Includes Ulster Polytechnic which merged with the University of Ulster in October 1984. Data for some courses in the categories first diploma and others have been re-coded in 1985/86.

3 Stateless and unknown domicile included in the overseas figure.

4 Including those students on courses 'not of university standard', but not those sandwich students undertaking the industrial part of their training away from the university or college at the time of the student count, which is the end of the autumn term (31 December).

5 Excludes students whose type of residence is other than those listed or unknown.

Source University Grants Committee

5.16

Universities¹: courses taken by full-time students
Academic years

							Number	
	1980/81	1981/82	1982/83	1983/84	1984/85 ²		1985/86 ³	1986/87 ³
Education:								
Men	5 797	5 767	5 225	5 274	5 255			
Women	7 160	7 426	6 869	6 942	7 012			
Medicine, dentistry and health:								
Men	19 368	18 970	18 408	18 026	17 795			
Women	13 280	13 796	14 440	14 885	15 530			
Engineering and technology:								
Men	40 850	40 701	39 945	39 366	39 384			
Women	3 102	3 405	3 748	3 940	4 339			
Agriculture, forestry and veterinary science:								
Men	4 185	4 203	4 059	3 910	3 675			
Women	2 113	2 208	2 258	2 154	2 193			
Science:								
Men	48 694	48 887	48 651	48 623	49 159			
Women	21 229	22 166	22 551	22 464	22 728			
Social administration and business studies:								
Men	43 249	42 581	40 940	39 774	40 415			
Women	29 259	29 877	30 261	30 503	31 906			
Architecture and other professional and vocational subjects:								
Men	3 904	3 831	3 721	3 668	3 693			
Women	1 993	1 996	2 054	2 068	2 417			
Language, literature and area studies:								
Men	12 411	12 187	11 616	11 567	11 302			
Women	24 021	24 347	23 958	23 588	23 702			
Arts other than languages, music, drama and visual arts:								
Men	12 465	12 427	12 019	11 475	11 775			
Women	13 534	13 619	13 242	12 366	12 728			
Medicine and dentistry:								
Men							15 202	14 871
Women							11 493	11 518
Subjects allied to medicine:								
Men							3 009	3 090
Women							5 675	5 769
Biological sciences:								
Men							10 087	10 350
Women							10 494	10 901
Agriculture and related subjects:								
Men							3 629	3 683
Women							2 572	2 670
Physical sciences:								
Men							20 930	20 907
Women							6 320	6 435
Mathematical sciences:								
Men							13 805	14 046
Women							4 669	4 618
Engineering and technology:								
Men							36 735	37 261
Women							3 605	4 002
Architecture, building and planning:								
Men							3 993	3 918
Women							1 284	1 410
Social studies:								
Men							24 122	24 617
Women							19 632	20 625
Business and administrative studies:								
Men							9 220	9 537
Women							5 315	5 927
Mass communications and documentation:								
Men							368	418
Women							667	653
Languages and related disciplines:								
Men							10 029	9 870
Women							21 181 ¹	21 230
Humanities:								
Men							9 420	9 751
Women							7 870	7 989
Creative arts:								
Men							1 905	1 942
Women							2 519	2 795
Education:								
Men							4 699	4 996
Women							6 417	6 620
Multidisciplinary:								
Men							17 789	18 219
Women							15 490	15 652

1 Excluding the Open University.

2 Includes Ulster Polytechnic which merged with the University of Ulster in October 1984.

3 Data is described in accordance with the University Standard Classification of Academic Subjects introduced in 1985/86, and is therefore not comparable with previous years.

Source University Grants Committee

5.17

Universities¹: degrees and diplomas obtained by full-time students
Calendar years

											Number	
•		1976	1977	1978	1979	1980	1981	1982	1983	1984 ²	1985 ²	1986
Degrees												
Total:	Men	50 150	52 251	55 307	55 869	57 245	58 507	58 947	60 188	59 564	58 978	58 582
	Women	23 305	25 149	26 822	28 525	29 830	31 584	33 754	35 966	35 806	36 787	36 903
First degrees—honours:	Men	29 813	31 195	33 095	34 085	35 127	36 018	36 696	37 103	36 940	36 119	35 823
	Women	16 479	17 685	19 004	20 193	21 344	22 563	24 273	25 636	25 577	26 122	25 988
First degrees—ordinary:	Men	7 064	7 496	7 631	7 611	7 704	7 743	7 387	7 520	7 031	6 057	5 405
	Women	3 693	4 008	3 927	4 093	3 975	4 218	4 272	4 659	4 293	3 911	3 696
Higher degrees:	Men	13 273	13 560	14 581	14 173	14 414	14 746	14 864	15 565	15 593	16 802	17 354
	Women	3 133	3 456	3 891	4 239	4 511	4 803	5 209	5 671	5 936	6 754	7 219
Diplomas and certificates:												
	Men	7 979	7 576	7 238	7 379	7 044	7 260	7 572	6 853	6 613	6 447	5 867
	Women	5 692	5 597	5 290	5 509	5 754	6 015	6 208	5 547	5 587	5 751	5 706

1 Excluding the Open University.

2 Includes Ulster Polytechnic which merged with the University of Ulster in October 1984.

Source University Grants Committee

5.18

Scientific research: postgraduate awards and special grants

At 1 October in each year

	1977	1978	1979	1980 ¹	1981	1982	1983	1984	1985	1986	1987
Special research grants											
Number of new awards	2 179	2 492	2 645	4 394	2 462	2 355	2 609	2 493	2 901	2 988	3 372
Number current: total	4 115	4 434	7 023	5 056	5 024	5 056	5 476	5 389	5 350	5 824	6 230
Biological sciences	625	653	1 007	720	752	754	713	644	626	627	714
Biotechnology ²	—	—	—	—	—	—	95	103	103	124	130
Chemistry/enzyme chemistry	525	563	982	670	668	618	572	525	506	535	542
Computing science	80	78	104	—	—	—	—	154	—	—	—
Mathematics	73	77	146	73	66	94	136	185	189	255	258
Science Board co-operative grants	—	—	—	—	—	—	—	—	33	38	45
Process engineering ³	147	139	155	—	—	—	—	141	127	227	170
Control engineering	44	44	63	—	—	—	—	—	—	—	—
Electrical and systems engineering	204	185	217	—	—	—	—	—	—	—	—
Aeronautical and mechanical engineering	223	190	208	—	—	—	—	—	—	—	—
Civil and transport engineering	147	148	177	—	—	—	—	—	—	—	—
Manufacturing technology	97	91	118	—	—	—	—	—	—	—	—
Materials	299	302	462	344	381	346	335	300	266	310	301
Physics (other than nuclear)	320	308	497	357	339	331	508	427	412	415	413
Nuclear physics	86	102	202	98	117	143	143	127	118	101	192
Astronomy ⁵	} 287	364	691	397	388	371	355	355	334	330	475
Planetary Sciences											
Information science	84	77	94	82	63	87	78	98	97	75	76
Geology and geophysics	162	171	181	186	183	178	167	119	123	113	152
Social sciences	453	542	578	506	319	324	381	420	522	454	473
Neutron beam	81	78	102	70	77	71	66	66	78	91	81
Polymer science/engineering	—	—	156	114	117	106	90	82	75	—	—
Laser facility	—	—	—	14	13	14	26	33	34	31	34
Science based archaeology	—	—	—	25	22	22	25	31	35	37	37
Synchrotron radiation facility	—	—	—	51	73	77	98	103	114	117	126
Engineering processes	—	—	—	224	229	225	212	132	—	—	—
Environment	—	—	—	160	172	197	236	270	251	265	274
Information engineering	—	—	—	320	370	378	489	404	379	369	360
Alvey Directorate	—	—	—	—	—	—	—	—	163	361	351
Electro-Mechanical Engineering ⁶	—	—	—	277	341	349	357	343	331	323	336
ACME	—	—	—	—	—	—	—	—	142	178	194
Marine technology	—	—	—	55	61	73	84	73	68	107	95
Teaching company	—	—	—	38	65	98	146	173	191	251	307
Energy	—	—	—	27	39	47	52	—	—	—	—
Joint SERC/ESRC ⁴	—	—	—	19	31	25	28	26	20	16	12
Other grants ²	178	323	883	229	138	128	84	55	14	74	82
Total expenditure on grants (years beginning 1 April) (£ thousand)	33 486	38 057	52 438	67 567	73 769	80 082	88 494	95 958	106 747	116 813	141 527
Postgraduate awards											
Studentships:											
Number of new awards	6 118	5 849	5 295	5 207	4 791	4 501	5 814	5 602	5 960	6 001	5 927
Number current: total	11 529	11 726	11 405	11 173	10 622	10 132	11 278	11 349	11 809	12 036	12 072
Biological sciences/Biology	1 832	1 918	1 996	1 989	1 924	1 861	1 820	1 813	1 891	1 925	1 974
Biotechnology ²	—	—	—	—	—	—	112	157	194	203	206
Chemical engineering	259	273	250	—	—	—	—	71	227	—	—
Chemistry/enzyme chemistry	1 444	1 476	1 523	1 534	1 488	1 456	1 464	1 507	1 552	1 595	1 599
Electrical engineering	431	458	437	—	—	—	—	—	—	—	—
Aeronautical and mechanical engineering	336	334	319	—	—	—	—	—	—	—	—
Civil and transport engineering	401	368	376	—	—	—	—	—	—	—	—
Manufacturing technology	111	111	125	—	—	—	—	—	—	—	—
Materials	432	395	401	412	434	477	515	509	468	454	435
Total technology	75	90	98	—	—	—	81	82	87	83	84
Geology and geophysics	463	479	462	473	498	499	496	477	1 104	484	485
Mathematics	692	655	640	614	587	531	562	551	525	629	673
Physics	1 050	1 031	993	572	521	519	534	535	—	569	584
Computing science	272	291	329	—	—	—	—	—	—	—	—
Social sciences	3 285	3 383	2 938	2 348	1 758	1 727	1 689	1 536	1 481	1 392	1 402
Control engineering	82	70	82	—	—	—	—	—	—	—	—
Polymer science/engineering	—	—	—	—	27	26	20	21	18	7	4
Information science	51	51	53	81	51	53	1 130	1 699	2 071	2 532	2 639
ACME	—	—	—	—	—	—	—	—	103	163	167

1 The Science Research Council became the Science and Engineering Research Council from mid-1981, incorporating additional classifications.

2 Biotechnology was included in Other before 1983.

3 Until 1984 Chemical Engineering and Production Engineering were contained within the Engineering Processes Committee. In 1985 Engineering Processes reorganised, forming the Application of Computers to Manufacturing Engineering Directorate (ACME) and Process Engineering, which subsumed Chemical Engineering.

4 The Social Science Research Council became the Economic and Social Research Council on 1 January 1984.

5 Astronomy, Space and Radio became Astronomy & Planetary Sciences from September 1986.

6 Machines & Power became Electro-Mechanical Engineering from May 1987.

Sources Science and Engineering Research Council; Natural Environment Research Council; Economic and Social Research Council; The British Library Research and Development Department; Department of Education and Science

5.18

Scientific research: postgraduate awards and special grants

At 1 October in each year

(continued)

	1977	1978	1979	1980 ¹	1981	1982	1983	1984	1985	1986	1987
Postgraduate awards (continued)											
Neutron beam	—	—	—	5	9	9	7	3	1	—	—
Science based archaeology	—	—	—	24	27	29	31	32	42	41	43
Astronomy, & Planetary Sciences ⁵	—	—	—	248	246	232	249	246	253	257	251
Nuclear physics	—	—	—	179	176	178	180	184	186	194	191
Engineering processes ²	—	—	—	370	368	349	360	188	—	—	—
Environment	—	—	—	261	535	323	316	318	351	350	324
Information engineering	—	—	—	770	829	731	667	360	310	19	—
Electro Mechanical Engineering ⁶	—	—	—	583	415	406	398	384	367	355	320
Marine technology	—	—	—	76	92	95	107	105	113	100	71
Energy	—	—	—	42	42	43	58	66	37	11	—
Joint SERC/ESRC ³	—	—	—	313	288	267	201	174	179	204	224
Other	313	343	383	279	307	321	281	236	231	204	210
Production	—	—	—	—	—	—	—	95	65	29	5
Process engineering	—	—	—	—	—	—	—	—	—	267	257
Fellowships:											
Number of new awards	107	105	108	109	118	96	128	159	51	56	70
Number current	245	224	234	264	291	275	282	344	227	227	203
Bursaries:											
Number of new awards	261	267	184	200	159	127	144	—	86	82	81
Number current	458	341	238	235	178	133	155	—	87	88	86
Total expenditure on awards (years beginning 1 April) (£ thousand)	30 449	34 656	37 914	54 930	47 064	49 083	55 322	60 355	64 729	67 837	70 896

1 The Science Research Council became the Science and Engineering Research Council from mid – 1981, incorporating additional classifications.

2 Biotechnology was included in Other before 1983.

3 Until 1984 Chemical Engineering and Production Engineering were contained within the Engineering Processes Committee. In 1985 Engineering Processes reorganised, forming the Application of Computers to Manufacturing Engineering Directorate (ACME) and Process Engineering, which subsumed Chemical Engineering.

4 The Social Science Research Council became the Economic and Social Research Council on 1 January 1984.

5 Astronomy, Space & Radio became Astronomy & Planetary Sciences from September 1986.

6 Machines & Power became Electro-Mechanical Engineering from May 1987.

Sources Science and Engineering Research Council; Natural Environment Research Council; Economic and Social Research Council; The British Library Research and Development Department; Department of Education and Science

5.19

Student awards
New and current, by type

	Thousands											
	1974–75	1975–76	1976–77	1977–78	1978–79	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86 ⁷
New awards												
All new awards ¹	203.9	222.0	227.2	223.7	235.2 ⁵	241.0 ⁵	243.4 ⁵	264.7 ⁵	267.4 ⁵	285.3	289.5	296.6
Postgraduate awards: Made by education departments and the research councils ¹	8.0	8.6	9.7 ⁵	10.2 ⁵	10.3 ⁵	10.5 ⁵	10.4 ⁵	9.3 ⁵	9.1 ⁵	9.0 ⁶	9.4 ⁶	9.5 ⁶
Local education authorities ²	1.5	1.9	1.9	2.1	2.4	2.2	2.2	2.4	3.0	3.0	3.5	3.9
Undergraduate and non-graduate awards at university ¹	61.7	64.4	68.6	69.8 ⁵	71.7 ⁵	72.9 ⁵	74.5 ⁵	73.2 ⁵	70.4 ⁵	70.7	72.2	71.9
Teacher training awards ¹	47.2	46.7	36.7	26.5	24.0	23.5	21.2	21.5	19.7	18.9	18.9	18.9
Other awards: Including further education first degree and comparable courses, ³ other further education courses, state scholarships and adult education bursaries ⁴	61.1	66.6	70.3	70.2	71.7	73.7	79.6	91.6	96.5	102.4	102.0	102.1
Lesser value awards ¹	24.4	33.8	40.1	45.0	55.2 ⁵	58.3 ⁵	55.5 ⁵	66.7 ⁵	68.7 ⁵	81.3	83.5	90.2
Current awards												
All current awards	491.1	508.6	520.1	521.5	529.4	536.8	545.7	586.2	604.4	637.3	656.0	664.3
Postgraduate awards: Made by education departments and the research councils	16.9	17.7	18.5	19.2	19.6	19.2	19.0	18.1	17.6	18.2 ⁶	18.2 ⁶	18.9 ⁶
Local education authorities ²	1.7	2.1	2.1	2.3	2.6	2.4	2.3	2.5	3.1	3.1	4.0	4.4
Undergraduate and non- graduate awards at university	188.7	193.0	204.6	211.9	218.5	224.6	231.1	237.1	232.1	231.4	225.2	225.4
Teacher training awards	125.0	121.4	104.2	79.7	61.4	50.1	44.1	41.4	37.7	37.0	38.1	39.4
Other awards: Including further education first degree and comparable courses, ³ other further education courses, state scholarships and adult education bursaries ⁴	126.4	129.6	136.9	147.9	154.4	160.5	171.8	193.2	212.4	234.5	242.5	244.5
Lesser value awards	32.4	44.8	53.8	60.5	72.9	80.1	77.3	93.8	101.5	113.1	127.9	131.6

1 Data refers to calendar year for 1974–75.

2 Postgraduate course awards made under Section 2 of the Education Act 1962 (excluding initial teacher training) in England and Wales (includes estimated numbers of new awards prior to 1975/76).

3 'Comparable courses' are courses at establishments of further education which have been designated under the University and other Awards regulations, 1965, as comparable to first degree courses.

4 The adult education bursary scheme commenced in September 1975 and operates in England, Wales and Scotland.

5 United Kingdom estimate based upon data for England, Wales and Northern Ireland.

6 Includes estimated data for Scotland within a given total.

7 Data for 1986–87 were not available at the time of going to print.

Sources Education Departments

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6. Employment

6.1 Distribution of the workforce

At mid-June each year

Thousands

United Kingdom	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Workforce¹	26 110	26 224	26 358	26 627	26 839	26 741	26 677	26 610	27 265	27 797	27 985	28 206
Males	16 270	16 224	16 221	16 224	16 320	16 348	16 257	16 104	16 315	16 548	16 531	16 535
Females	9 840	10 000	10 137	10 404	10 520	10 393	10 421	10 506	10 950	11 249	11 454	11 671
Unemployed^{2,3,4}	1 265	1 359	1 343	1 235	1 513	2 395	2 770	2 984	3 030	3 179	3 229	2 905
Males	986	1 021	986	888	1 072	1 775	2 043	2 145	2 120	2 197	2 217	2 023
Females	279	339	358	346	441	620	727	839	910	982	1 012	882
Workforce in employment⁵	24 844	24 865	25 014	25 393	25 327	24 346	23 908	23 626	24 235	24 618	24 756	25 301
Males	15 284	15 204	15 235	15 335	15 248	14 573	14 214	13 959	14 196	14 351	14 313	14 512
Females	9 560	9 661	9 779	10 057	10 078	9 773	9 694	9 667	10 040	10 267	10 442	10 789
HM Forces⁶	336	327	318	314	323	334	324	322	326	326	322	319
Males	321	313	303	299	307	317	309	306	310	309	305	302
Females	15	14	15	15	16	17	15	16	16	16	16	16
Self-employed persons (with or without employees)⁷	1 952	1 907	1 907	1 906	2 013	2 119	2 170	2 221	2 496	2 610	2 627	2 861
Males	1 562	1 519	1 534	1 550	1 622	1 694	1 700	1 705	1 902	1 975	1 989	2 152
Females	390	388	372	357	391	425	470	516	594	635	637	709
Employees in employment⁸	22 557	22 631	22 789	23 173	22 991	21 892	21 414	21 067	21 238	21 506	21 581	21 810
Males	13 401	13 372	13 398	13 487	13 319	12 562	12 205	11 940	11 888	11 966	11 891	11 881
Females	9 156	9 259	9 391	9 686	9 672	9 331	9 209	9 127	9 350	9 540	9 691	9 930
of whom												
Total, index of production and construction industries	9 233	9 240	9 197	9 213	8 906	8 061	7 610	7 217	7 062	6 977	6 766	6 650
Total, all manufacturing industries	7 269	7 317	7 281	7 253	6 937	6 222	5 863	5 525	5 409	5 366	5 236	5 145
Work Related Government Training Programmes⁹	—	—	—	—	—	—	—	16	175	176	226	311
Males	—	—	—	—	—	—	—	8	95	100	127	177
Females	—	—	—	—	—	—	—	8	80	76	99	134
Great Britain												
Workforce¹	25 486	25 598	25 716	25 969	26 176	26 077	26 012	25 932	26 582	27 107	27 298	27 521
Males	15 874	15 831	15 824	15 823	15 916	15 942	15 853	15 693	15 903	16 133	16 118	16 125
Females	9 613	9 767	9 892	10 147	10 260	10 135	10 160	10 239	10 679	10 975	11 179	11 396
Unemployed^{2,3,4}	1 215	1 303	1 282	1 175	1 444	2 299	2 664	2 871	2 911	3 057	3 103	2 780
Males	950	980	942	847	1 024	1 706	1 967	2 062	2 034	2 109	2 126	1 931
Females	265	323	340	328	420	593	697	809	877	948	978	848
Workforce in employment⁵	24 271	24 295	24 434	24 794	24 731	23 777	23 348	23 061	23 671	24 050	24 194	24 741
Males	14 924	14 851	14 882	14 976	14 892	14 236	13 886	13 631	13 869	14 023	13 993	14 193
Females	9 348	9 444	9 553	9 818	9 839	9 541	9 463	9 430	9 802	10 027	10 201	10 548
HM Forces⁶	336	327	318	314	323	334	324	322	326	326	322	319
Males	321	313	303	299	307	317	309	306	310	309	305	302
Females	15	14	15	15	16	17	15	16	16	16	16	16
Self-employed persons (with or without employees)⁷	1 888	1 843	1 843	1 842	1 950	2 058	2 109	2 160	2 435	2 550	2 567	2 801
Males	1 506	1 463	1 478	1 494	1 567	1 641	1 647	1 652	1 850	1 923	1 937	2 099
Females	382	380	364	348	383	417	462	508	586	628	630	701
Employees in employment⁸	22 048	22 126	22 273	22 638	22 458	21 386	20 916	20 572	20 741	21 006	21 088	21 289
Males	13 097	13 076	13 100	13 183	13 018	12 278	11 930	11 670	11 619	11 697	11 629	11 620
Females	8 951	9 050	9 173	9 455	9 440	9 107	8 985	8 901	9 123	9 309	9 460	9 669
of whom												
Total, index of production and construction industries	9 033	9 048	9 006	9 020	8 723	7 900	7 460	7 072	6 919	6 833	6 630	6 515
Total, all manufacturing industries	7 118	7 172	7 138	7 107	6 801	6 099	5 751	5 418	5 302	5 258	5 133	5 044
Work Related Government Training Programmes⁹	—	—	—	—	—	—	—	8	168	168	218	303
Males	—	—	—	—	—	—	—	3	91	94	122	171
Females	—	—	—	—	—	—	—	5	78	74	96	132

Note: Because the figures have been rounded independently totals may differ from the sum of the components. Also the totals may include some employees whose industrial classification could not be ascertained.

- 1 The workforce is the workforce in employment plus the claimant unemployed.
- 2 From October 1982 new basis (claimants); article in *Employment Gazette*, December 1982, page S 20 refers.
- 3 From October 1980 the figures are affected by the introduction in Great Britain of fortnightly payment of unemployment benefit. This is estimated to have resulted in an artificial increase of 20 000 (13 000 males and 7 000 females) in the count of the unemployed and therefore a corresponding reduction should be made when comparing the 1980 figures with those of earlier years.
- 4 From April 1983, the figures of unemployment reflect the effects of the provisions in the Budget for some men aged 60 and over who no longer have to sign on at an unemployment office. It is estimated that 132 500 men were affected over the period April to June 1983, and a further 29 300 were affected in July and August 1983, the total effect was a reduction in the coverage of the unemployment count of 161 800.
- 5 The workforce in employment comprises employees in employment, the self-employed, HM Forces and work related government training programmes.

- 6 HM Forces figures, provided by the Ministry of Defence, represent the total number of UK service personnel, male and female, in HM Regular Forces, wherever serving and including those on release leave.
- 7 Estimates of the self-employed up to mid-1987 are based on the 1981 census of population and the results of the Labour Force Surveys. A detailed description of the current estimates is given in the article on p159 of the March 1988 edition of *Employment Gazette*.
- 8 Estimates of employees in employment for December 1984 and subsequent months include an allowance based on the Labour Force Survey to compensate for persistent undercounting in the regular sample enquiries (*Employment Gazette*, January 1987, p31). For all dates, individuals with two jobs as employees of different employers are counted twice.
- 9 Participants in the YTS except those who have contracts of employment (those who do have contracts of employment are included in employees in employment) plus participants in new JTS. Additionally for the UK this includes some participants on Northern Ireland schemes—those on: Youth Training Programme (excluding second year trainees in further education colleges); Job Training Programme; and Attachment Training Scheme participants and other management train scheme participants training with an employer.

Source Department of Employment

6.2

Employees in employment

Analysis by industry based on the Standard Industrial Classification 1980

At June in each year

Thousands

	SIC 1980	United Kingdom						Great Britain					
		1982	1983	1984	1985	1986	1987	1982	1983	1984	1985	1986	1987
All industries and services	0-9	21 414	21 067	21 238	21 504	21 578	21 810	20 916	20 572	20 743	21 006	21 088	21 319
Index of production and construction industries	1-5	7 610	7 217	7 062	6 976	6 765	6 650	7 460	7 072	6 919	6 833	6 630	6 515
Index of production industries	1-4	6 543	6 173	6 025	5 954	5 774	5 642	6 422	6 057	5 909	5 838	5 663	5 532
of which, manufacturing industries	2-4	5 863	5 525	5 409	5 365	5 235	5 145	5 751	5 418	5 302	5 258	5 133	5 044
Service industries	6-9	13 446	13 500	13 836	14 187	14 483	14 838	13 117	13 169	13 504	13 852	14 149	14 502
Agriculture, forestry and fishing	0	358	350	340	341	329	322	338	330	320	321	310	302
Agriculture and horticulture	01	338	331	321	323	311	304	320	312	302	304	293	285
Energy and water supply	1	680	648	616	589	539	497	671	639	607	580	530	488
Coal extraction and solid fuels	111	..	..	..	..	..	..	271	257	234	219	183	153
Electricity	161	..	..	..	..	..	..	161	155	150	147	145	143
Gas	162	..	..	..	..	..	..	102	99	95	91	87	83
Other mineral and ore extraction	2	885	817	799	800	778	767	875	807	788	789	768	757
Metal manufacturing	22	248	213	193	186	172	163	247	213	193	186	172	163
Non-metallic mineral products	24	225	215	221	229	226	228	221	211	217	225	222	224
Chemical industry	25	355	335	334	338	337	337	353	332	332	335	335	335
Basic industrial chemicals	251	..	..	..	..	..	..	137	125	124	126	125	124
Other chemical products and preparations	255-259	..	..	..	..	..	..	216	207	208	210	210	211
Metal goods, engineering and vehicles	3	2 730	2 548	2 468	2 427	2 334	2 261	2 695	2 515	2 436	2 394	2 303	2 231
Metal goods n.e.s.	31	387	346	334	322	304	297	385	344	332	320	302	295
Hand tools and finished metal goods	316	..	..	..	..	..	..	207	182	171	164	154	156
Other metal goods	311-314	..	..	..	..	..	..	178	162	161	156	148	139
Mechanical engineering	32	852	777	758	756	730	712	844	768	750	748	723	705
Industrial plant and steelwork	320	..	..	..	..	..	..	85	79	85	82	77	75
Machinery for agriculture, metal working, textile, food and printing etc. industries	321-324/327	..	..	..	..	..	..	216	189	185	185	180	179
Mining and construction machinery etc.	325	..	..	..	..	..	..	92	86	82	78	76	74
Other machinery and mechanical equipment	328	..	..	..	..	..	..	390	360	348	354	344	335
Office machinery, data processing equipment	33	79	81	84	91	91	94	79	81	84	91	91	94
Electrical and electronic engineering	34	633	612	607	594	569	553	626	605	600	587	563	546
Wires, cables, batteries and other electrical equipment	341/342/343	..	..	..	..	..	..	245	228	220	217	204	194
Telecommunication equipment	344	..	..	..	..	..	..	190	185	180	175	167	163
Other electronic and electrical equipment	345-348	..	..	..	..	..	..	191	191	200	195	191	189
Motor vehicles and parts	35	318	299	281	269	255	241	315	296	278	266	252	239
Motor vehicles and engines	351	..	..	..	..	..	..	110	110	104	103	98	90
Bodies, trailers, caravans and parts	352/353	..	..	..	..	..	..	205	186	174	163	154	148
Other transport equipment	36	350	330	301	290	280	262	337	318	290	279	268	251
Aerospace equipment	364	..	..	..	..	..	..	173	168	165	163	161	157
Ship and other transport equipment	361-363/365	..	..	..	..	..	..	164	151	125	115	107	94
Instrument engineering	37	111	104	104	105	105	103	109	102	102	103	104	102
Other manufacturing industries	4	2 247	2 159	2 141	2 139	2 124	2 117	2 182	2 096	2 078	2 075	2 062	2 056
Food, drink and tobacco	41/42	658	619	603	594	571	561	638	599	582	573	552	543
Meat and meat products, organic oils and fats	411/412	..	..	..	..	..	..	100	97	93	93	91	90
Bread, biscuits and flour confectionery	419	..	..	..	..	..	..	138	127	125	131	125	129

Sources Department of Employment; Department of Manpower Services (Northern Ireland)

6.2 Employees in employment

Analysis by industry based on the Standard Industrial Classification 1980
(continued) At June in each year

Thousands

	SIC 1980	United Kingdom						Great Britain					
		1982	1983	1984	1985	1986	1987	1982	1983	1984	1985	1986	1987
Alcoholic and soft drink manufacture	424-428	..	..	..	..	..	..	115	105	105	100	95	93
All other food, drink and tobacco manufacture	413-418/ 420-423/429	..	..	..	..	..	..	286	270	260	250	241	232
Textiles	43	268	250	245	244	245	233	256	239	234	233	234	222
Footwear and clothing	45	311	301	308	312	313	308	295	286	292	295	296	291
Clothing, hats, gloves and fur goods	453/4560	..	..	..	..	..	..	214	207	212	215	214	210
Timber and wooden furniture	46	203	206	206	206	210	211	199	201	201	201	206	206
Paper, printing and publishing	47	501	487	482	486	480	489	495	481	477	480	474	484
Pulp, paper, board and derived products	471/472	..	..	..	..	..	..	151	140	135	134	133	139
Printing and publishing	475	..	..	..	..	..	..	344	341	342	346	341	345
Rubber and plastics	48	196	190	195	198	203	211	189	185	192	194	200	207
Other manufacturing	49	85	83	79	80	83	86	85	83	79	79	82	85
Construction	5	1 067	1 044	1 037	1 022	991	1 009	1 038	1 015	1 010	996	967	984
Distribution, hotels, catering, repairs	6	4 138	4 118	4 244	4 341	4 403	4 464	4 058	4 037	4 163	4 259	4 321	4 381
Wholesale distribution	61	891	886	903	915	921	935	871	865	882	895	901	916
Agricultural and textile raw materials, fuels, ores, metals etc.	611/612	..	..	..	..	..	..	133	128	126	125	123	120
Timber and building materials	613	..	..	..	..	..	..	123	125	129	126	125	127
Machinery, industrial equipment, vehicles and parts	614	..	..	..	..	..	..	145	151	166	172	175	176
Food, drink and tobacco	617	..	..	..	..	..	..	248	235	235	239	243	251
Other wholesale distribution	615/616/ 618/619	..	..	..	..	..	..	222	227	225	234	236	242
Retail distribution	64/65	2 026	2 005	2 054	2 086	2 110	2 118	1 984	1 964	2 012	2 044	2 068	2 074
Food	641	..	..	..	..	..	..	551	544	572	586	591	596
Confectioners, tobacconists, etc.	642	..	..	..	..	..	..	148	138	131	129	132	134
Dispensing and other chemists	643	..	..	..	..	..	..	118	110	110	108	110	112
Clothing, footwear and leather goods	645/646	..	..	..	..	..	..	204	214	229	239	241	249
Household goods, hardware, ironmongery	648	..	..	..	..	..	..	177	187	201	210	206	204
Motor vehicles and parts, filling stations	651/652	..	..	..	..	..	..	252	244	233	230	235	230
Other retail distribution	653-656	..	..	..	..	..	..	514	506	516	521	530	527
Hotels and catering	66	973	963	1 010	1 061	1 085	1 111	959	949	995	1 046	1 070	1 095
Restaurants, cafes, snack bars etc.	661	..	..	..	..	..	..	194	198	213	222	228	238
Public houses and bars	662	..	..	..	..	..	..	236	237	252	272	272	282
Night clubs and licensed clubs	663	..	..	..	..	..	..	139	133	138	142	145	147
Canteens and messes	664	..	..	..	..	..	..	123	119	127	133	137	136
Hotel trade	665	..	..	..	..	..	..	229	221	230	242	257	261
Repair of consumer goods and vehicles	67	208	221	229	228	238	248	205	216	226	225	235	245
Motor vehicles	671	..	..	..	..	..	..	177	185	189	194	204	214
Transport and communication	7	1 380	1 345	1 340	1 345	1 340	1 345	1 360	1 326	1 321	1 327	1 321	1 326
Railways	71	169	161	156	148	143	139	168	161	155	147	142	138
Other inland transport	72	412	414	420	434	438	448	406	408	414	428	432	442
Road haulage	723	..	..	..	..	..	..	201	203	211	223	228	235
Other	721/722/726	..	..	..	..	..	..	205	205	205	206	204	207
Sea transport	74	58	48	40	34	27	23	57	48	40	34	26	23
Air transport	75	48	44	47	49	50	50	47	43	46	49	49	49
Supporting services to transport	76	103	99	96	94	92	88	102	97	95	93	91	87

Sources Department of Employment; Department of Manpower Services
(Northern Ireland)

6.2

Employees in employment

Analysis by industry based on the Standard Industrial Classification 1980

(continued)

At June in each year

Thousands

	SIC 1980	United Kingdom						Great Britain					
		1982	1983	1984	1985	1986	1987	1982	1983	1984	1985	1986	1987
Miscellaneous transport and storage	77	153	146	150	151	154	151	152	144	148	149	152	149
Postal services and Telecommunications	79	437	433	432	434	437	446	428	424	424	426	429	438
Postal services	7901	..	..	..	..	..	..	193	194	194	198	201	211
Telecommunications	7902	..	..	..	..	..	..	235	230	230	229	228	227
Banking, finance, insurance etc.	8	1 798	1 875	1 969	2 083	2 202	2 328	1 771	1 848	1 941	2 055	2 174	2 299
Banking and finance	81	476	492	507	520	532	555	467	484	499	512	524	548
Banking and bill discounting	814	..	..	..	..	..	..	362	374	384	392	397	409
Other financial institutions	815	..	..	..	..	..	..	105	110	116	120	127	139
Insurance, except social security	82	223	223	224	229	233	243	220	220	221	226	230	240
Business services	83	900	953	1 020	1 107	1 197	1 285	889	942	1 008	1 095	1 184	1 272
Professional business services	831-837	..	..	..	..	..	..	588	606	641	679	728	772
Other business services	838/839	..	..	..	..	..	..	301	336	367	416	456	500
Renting of movables	84	91	96	101	105	111	112	90	95	100	104	110	111
Owning and dealing in real estate	85	109	111	118	122	129	133	105	108	114	119	126	129
Other services	9	6 130	6 163	6 282	6 419	6 541	6 702	5 928	5 958	6 078	6 217	6 333	6 496
Public administration and defence	91	1 594	1 606	1 602	1 613	1 619	1 642	1 542	1 553	1 548	1 558	1 564	1 587
National Government n.e.s.	9111	..	..	..	..	..	..	414	419	417	426	440	451
Local government services n.e.s.	9112	..	..	..	..	..	..	589	599	600	602	591	600
Justice, police, fire services	912-914	..	..	..	..	..	..	299	303	306	310	313	318
National defence	915	..	..	..	..	..	..	137	133	131	124	121	118
Social security	919	..	..	..	..	..	..	102	99	95	97	100	101
Sanitary services	92	287	312	335	349	368	392	283	309	331	345	364	388
Education	93	1 598	1 592	1 602	1 619	1 656	1 704	1 541	1 535	1 544	1 559	1 597	1 646
Research and development	94	112	106	112	114	111	108	111	105	111	113	110	107
Medical and other health services	95	1 304	1 294	1 298	1 308	1 305	1 312	1 258	1 247	1 252	1 262	1 260	1 266
Other services	96	610	650	699	731	776	825	580	619	669	701	746	795
Social welfare, etc.	9611	..	..	..	..	..	..	473	502	540	564	599	643
Recreational and cultural services	97	445	421	448	497	510	525	437	413	440	489	502	517
Personal services	98	178	180	186	188	196	194	175	176	182	184	192	191

Sources Department of Employment; Department of Manpower Services
(Northern Ireland)

6.3 Males employed in engineering industries

Analysis by broad occupational category¹
Great Britain
At April 1987

Thousands

Industry based on the Standard Industrial Classification 1980 ²	All employees	Managerial, administrative, technical and clerical	Foremen ³	Craftsmen (production and maintenance)	All other production and other occupations	All apprentices ⁵	Craft apprentices ⁵	Others being trained ^{4, 5}
Metal manufacturing	41.84	8.84	2.62	5.65	24.74	0.24	0.22	0.61
Steel tubes	12.86	2.37	0.86	1.86	7.76	0.06	0.05	0.14
Drawing, cold rolling and cold forming of steel	0.70	0.22	0.03	0.08	0.37	0.01	—	0.01
Non-ferrous metals industry	28.28	6.25	1.72	3.71	16.60	0.18	0.17	0.45
Manufacturing of metal goods nes	217.79	43.18	13.31	42.51	118.78	1.65	1.40	4.49
Foundries	50.32	8.40	2.98	11.52	27.43	0.37	0.32	0.76
Forging, pressing, stamping	24.28	4.18	1.55	4.42	14.12	0.07	0.06	0.45
Bolts, nuts, etc; springs, non-precision chains, metals treatment	27.11	5.52	1.81	3.71	16.07	0.21	0.19	0.32
Metal doors, windows, etc.	17.38	4.67	0.99	1.94	9.79	0.09	0.06	0.42
Hand tools and finished metal goods	98.70	20.42	5.99	20.92	51.37	0.92	0.77	2.54
Mechanical engineering	447.56	134.75	24.85	132.78	155.18	5.57	4.55	10.41
Industrial plant and steelwork	49.04	16.26	2.81	16.19	13.78	0.63	0.43	1.23
Agricultural machinery and tractors	18.83	4.55	0.89	3.27	10.13	0.17	0.11	0.28
Metal-working machine tools and engineers' tools	46.44	11.15	2.38	18.41	14.51	0.42	0.41	0.98
Textile machinery	6.77	1.73	0.32	2.58	2.15	0.08	0.08	0.20
Machinery for food, chemical and related industries; process engineering contractors	21.61	8.18	1.12	7.14	5.17	0.24	0.19	0.67
Mining machinery, construction and mechanical handling equipment	59.13	18.15	3.27	18.45	19.26	0.71	0.54	1.23
Mechanical power transmission equipment	18.57	4.25	1.13	4.11	9.08	0.32	0.30	0.55
Machinery for the printing, paper, wood, leather, rubber, glass and related industries, laundry and dry cleaning machinery	15.69	6.10	0.88	4.92	3.78	0.26	0.26	0.23
Other machinery and mechanical equipment	194.16	58.35	11.02	52.82	71.98	2.28	1.81	4.35
Ordnance, small arms and ammunition	17.32	6.03	1.04	4.91	5.35	0.46	0.42	0.71
Manufacture of office machinery and data processing equipment	60.82	44.57	2.33	2.69	11.23	0.38	0.10	1.79
Electrical and electronic engineering	326.29	154.01	18.82	42.68	110.77	3.68	1.56	12.55
Insulated wires and cables	21.92	6.62	1.43	2.33	11.54	0.23	0.12	0.53
Basic electrical equipment	62.47	24.97	3.39	13.96	20.15	0.91	0.61	1.76
Electrical equipment for industrial use, and batteries and accumulators	41.98	17.81	2.39	6.74	15.04	0.47	0.24	1.92
Telecommunications equipment, electrical measuring equipment, electronic capital goods and passive electronics components	122.81	74.15	6.87	12.58	29.21	1.36	0.31	5.08
Other electronic equipment	40.94	22.03	2.47	3.34	13.10	0.46	0.12	2.46
Domestic-type electric appliances	24.17	4.52	1.27	2.07	16.32	0.17	0.12	0.42
Electric lamps and other electric lighting equipment	11.79	3.83	1.00	1.61	5.35	0.08	0.04	0.38
Electrical equipment installation	0.21	0.09	0.01	0.06	0.05	—	—	0.01
Manufacture of motor vehicles and parts thereof	201.83	44.78	9.71	33.13	114.21	1.96	1.48	3.16
Motor vehicles and their engines	130.74	30.03	6.12	20.71	73.89	1.40	1.05	1.93
Motor vehicle bodies, trailers and caravans	12.43	1.94	0.59	2.55	7.35	0.04	0.04	0.31
Motor vehicle parts	58.66	12.81	3.00	9.87	32.98	0.53	0.39	0.92
Manufacture of other transport equipment	164.63	66.40	8.85	55.35	34.02	2.97	2.40	4.22
Shipbuilding and repairing	0.12	0.02	0.01	0.01	0.07	—	—	—
Railway and tramway vehicles	23.27	4.79	0.72	11.06	6.70	0.32	0.29	0.46
Cycles and motor cycles	2.31	0.47	0.10	0.13	1.61	—	—	—
Aerospace equipment manufacturing and repairing	138.60	61.07	8.00	44.11	25.42	2.65	2.11	3.75
Other vehicles	0.33	0.05	0.02	0.04	0.22	—	—	—
Instrument engineering	47.87	25.21	2.27	7.29	13.10	0.52	0.31	1.23
Measuring, checking and precision instruments and apparatus	28.34	16.54	1.39	4.08	6.34	0.27	0.13	0.90
Medical and surgical equipment and orthopaedic appliances	5.64	2.19	0.33	1.24	1.88	0.03	0.02	0.07
Optical precision instruments and photographic equipment	12.34	5.89	0.47	1.78	4.21	0.20	0.16	0.25
Clocks, watches and other timing devices	1.55	0.59	0.09	0.20	0.67	0.02	0.01	0.01
All other engineering industries nes	10.17	8.22	0.22	0.90	0.83	0.09	0.01	0.47
Total	1 518.79	529.95	82.98	323.00	582.86	17.04	12.04	38.92

1 This occupational survey is carried out by the EITB in April every year on a sample basis. All the figures in this table are estimates based on this survey and other EITB data. For information about the detailed methods used please contact the Statistics Section, EITB, 41 Clarendon Road, Watford, Herts: Watford (0923) 38441.

2 Only that part of each industry which is in scope to the EITB is included in the figures.

3 Except works and other senior foremen and office supervisors, who are included in the preceding column.

4 Excluding canteen staff and seafarers.

5 Included in the previous columns.

6.3
(continued)

Females employed in engineering industries
Analysis by broad occupational category and industry¹
Great Britain
At April 1987

Thousands

Industry based on the Standard Industrial Classification 1980 ²	All employees	Managerial, administrative, technical and clerical	Foremen ³	Craftsmen (production and maintenance)	All other production and other occupations	All apprentices ⁵	Craft apprentices ⁵	Others being trained ^{4, 5}
Metal manufacturing	6.56	3.38	0.12	0.02	3.05	—	—	0.12
Steel tubes	1.86	1.00	0.03	—	0.82	—	—	0.06
Drawing, cold rolling and cold forming of steel	0.11	0.09	—	—	0.02	—	—	0.06
Non-ferrous metals industry	4.59	2.29	0.08	0.01	2.21	—	—	0.06
Manufacturing of metal goods nes	59.77	22.25	0.82	0.23	36.47	0.01	—	1.29
Foundries	6.37	3.29	0.09	0.03	2.97	—	—	0.12
Forging, pressing, stamping	7.91	2.11	0.08	0.01	5.70	—	—	0.19
Bolts, nuts, etc. springs, non-precision chains, metals treatment	8.71	3.35	0.10	0.04	5.23	—	—	0.07
Metal doors, windows, etc.	3.47	2.31	0.05	—	1.12	—	—	0.04
Hand tools and finished metal goods	33.30	11.19	0.51	0.15	21.45	0.01	—	0.86
Mechanical engineering	73.68	48.42	1.17	0.29	23.80	0.15	0.07	1.46
Industrial plant and steelwork	4.87	4.25	0.08	—	0.54	0.03	—	0.13
Agricultural machinery and tractors	1.58	1.34	0.03	—	0.21	—	—	0.07
Metal-working machine tools and engineers' tools	7.50	4.78	0.09	0.03	2.60	—	—	0.11
Textile machinery	0.97	0.60	—	—	0.37	—	—	0.02
Machinery for food, chemical and related industries; process engineering contractors	3.78	2.98	0.07	0.01	0.73	—	—	0.10
Mining machinery, construction and mechanical handling equipment	7.19	6.29	0.11	0.02	0.78	0.01	0.01	0.22
Mechanical power transmission equipment	3.09	1.64	0.04	0.01	1.41	—	—	0.06
Machinery for the printing, paper, wood, leather, rubber, glass and related industries, laundry and dry cleaning machinery	2.54	2.07	0.06	0.02	0.39	—	—	0.03
Other machinery and mechanical equipment	37.52	22.58	0.61	0.18	14.01	0.09	0.05	0.65
Ordnance, small arms and ammunition	4.79	1.91	0.08	0.03	2.78	0.02	0.02	0.08
Manufacture of office machinery and data processing equipment	23.00	14.24	0.60	0.12	8.05	0.01	—	0.57
Electrical and electronic engineering	159.05	53.39	3.55	0.84	101.27	0.25	0.05	5.93
Insulated wires and cables	10.24	2.88	0.22	0.01	7.13	0.01	—	0.49
Basic electrical equipment	21.94	7.78	0.38	0.06	13.72	0.01	—	0.34
Electrical equipment for industrial use, and batteries and accumulators	16.87	6.37	0.28	0.07	10.16	0.02	0.01	0.58
Telecommunications equipment, electrical measuring equipment, electronic capital goods and passive electronics components	60.76	22.41	1.65	0.50	35.99	0.17	0.04	2.04
Other electronic equipment	27.37	7.51	0.65	0.10	19.11	0.03	—	1.91
Domestic-type electric appliances	11.62	4.38	0.17	—	7.07	—	—	0.35
Electric lamps and other electric lighting equipment	10.40	2.00	0.20	0.09	8.10	0.01	—	0.22
Electrical equipment installation	0.06	0.05	—	—	—	—	—	—
Manufacture of motor vehicles and parts thereof	23.16	11.30	0.33	0.05	11.47	0.04	0.01	0.70
Motor vehicles and their engines	10.44	6.26	0.16	0.02	4.00	0.03	0.01	0.31
Motor vehicle bodies, trailers, caravans	0.86	0.54	0.02	—	0.30	—	—	0.03
Motor vehicle parts	11.86	4.50	0.16	0.03	7.18	0.01	—	0.36
Manufacture of other transport equipment	20.96	15.79	0.55	0.14	4.48	0.08	0.03	0.74
Shipbuilding and repairing	0.01	0.01	—	—	—	—	—	—
Railway and tramway vehicles	1.85	1.27	0.03	—	0.54	—	—	0.04
Cycles and motor cycles	0.49	0.21	0.01	—	0.27	—	—	—
Aerospace equipment manufacturing and repairing	18.55	14.26	0.51	0.14	3.65	0.07	0.03	0.70
Other vehicles	0.06	0.04	—	—	0.02	—	—	—
Instrument engineering	15.83	8.17	0.29	0.12	7.25	0.02	—	0.34
Measuring, checking and precision instruments and apparatus	9.80	4.81	0.18	0.08	4.73	0.01	—	0.27
Medical and surgical equipment and orthopaedic appliances	1.75	0.99	0.04	0.01	0.71	—	—	0.02
Optical precision instruments and photographic equipment	3.15	2.06	0.05	0.02	1.02	0.01	—	0.06
Clocks, watches and other timing devices	1.13	0.31	0.02	—	0.80	—	—	—
All other engineering industries nes	2.06	1.86	0.03	0.01	0.16	0.01	—	0.09
Total	384.49	178.80	7.46	1.81	196.00	0.56	0.18	11.30

1 This occupational survey is carried out by the EITB in April every year on a sample basis. All the figures in this table are estimates based on this and other EITB data. Figures for earlier years are available from the EITB. For earlier years data and for information about the detailed methods used in estimating, please contact the Information Services Manager, EITB, 54 Clarendon Road, Watford, Herts, WD1 1LB: Watford (0923) 38441.

2 Only that part of each industry which is in scope to the EITB is included in the figures.

3 Except works and other senior foremen and office supervisors, who are included in the previous column.

4 Excluding canteen staff and seafarers.

5 Also included in the previous columns.

6.4 Administrative, technical and clerical workers in manufacturing industries¹

Analysis by industry based on Standard Industrial Classification 1980
Great Britain

							Percentage
	Division/class SIC 1980	1982	1983	1984	1985	1986	1987
All manufacturing industries	2-4	30.5	28.7	25.9	26.3	27.3	26.4
Minerals and ores extraction other than fuels	2	33.0	31.6	27.3	27.6	28.6	26.5
Metal manufacturing	22	27.8	26.5	23.3	23.0	24.9	25.3
Non-metallic mineral products	24	25.3	23.3	20.4	21.6	21.2	21.2
Chemical industry	25	41.8	40.4	35.5	36.6	38.0	34.7
Metal goods, engineering and vehicles	3	34.4	32.6	29.1	30.0	31.8	30.9
Metal goods nes	31	25.3	23.1	19.7	20.5	19.5	20.0
Mechanical engineering	32	35.2	33.3	29.2	29.7	31.4	30.2
Office machinery, data processing equipment	33	64.0	46.9	43.0	48.0	49.5	53.4
Electrical and electronic engineering	34	39.4	37.5	31.1	33.7	36.5	34.9
Motor vehicles and parts	35	24.4	24.9	21.6	20.5	22.7	21.3
Other transport equipment	36	35.3	35.7	37.1	35.6	39.0	37.7
Instrument engineering	37	36.2	34.0	33.7	34.1	33.0	31.4
Other manufacturing industries	4	24.9	23.0	21.7	21.6	21.8	21.4
Food, drink and tobacco	41/42	22.9	21.9	21.6	20.8	20.3	19.4
Textiles	43	19.8	18.6	16.2	16.6	17.0	16.3
Footwear and clothing	45	16.7	14.4	12.3	14.0	12.6	13.2
Timber and wooden furniture	46	25.5	21.5	19.7	21.3	21.9	22.8
Paper, printing and publishing	47	34.9	32.7	31.2	29.6	30.7	31.0
Rubber and plastics	48	26.8	24.6	21.4	21.6	22.5	20.6
Other manufacturing	49	22.6	22.7	23.0	24.0	24.7	21.1

1 Expressed as percentage of total number of employees at September.

Source Department of Employment

6.5 Number of workers employed in agriculture^{1,2,3}

United Kingdom
At June in each year

At June in each year												Thousands
	Regular workers					Seasonal or casual workers			All workers			Salaried managers ⁴
	Whole-time			Part-time		Total	Male	Female	Total	Male	Female	
	Total	Male	Female Great Britain	Male	Female							
1979	252.7	168.7	18.3	33.2	32.5	96.9	56.0	40.9	349.6	257.9	91.7	8.0
1980	244.1	162.6	17.3	32.3	31.9	100.7	57.2	43.4	344.7	252.1	92.7	8.0
1981	236.7	157.7	16.7	31.5	30.7	97.0	57.1	39.9	333.8	246.4	87.4	7.9
1982	232.2	154.6	16.0	31.9	29.7	98.7	57.3	41.5	331.0	243.8	87.2	7.9
1983	228.3	152.2	15.5	31.3	29.4	97.9	56.9	41.0	326.2	240.3	85.9	7.8
1984	220.8	145.6	15.2	30.7	29.4	96.0	57.1	38.9	316.8	233.3	83.5	7.8
1985	218.0	141.6	15.1	31.5	29.8	98.1	58.7	39.4	316.1	231.8	84.3	8.3
1986	210.3	134.1	14.8	32.2	29.1	96.6	58.2	38.4	306.9	224.5	82.4	8.2
1987	202.1	126.9	14.6	31.5	29.0	95.2	57.1	38.1	297.3	215.6	81.7	7.9

See notes on page 107.

3 Includes estimates for minor holdings in England and Wales.

4 Great Britain only.

1 Figures exclude school children, farmers, partners and directors and their wives.

2 Figures include estimated figures for Scotland.

Source Ministry of Agriculture, Fisheries and Food

6.6 Rates of unemployment¹

Analysis by standard regions
Seasonally adjusted²

											Percentages
Annual averages	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
United Kingdom	4.8	4.7	4.3	5.4	8.5	9.8	10.8	11.0	11.2	11.4	10.2
Great Britain	4.7	4.6	4.2	5.3	8.4	9.7	10.6	10.9	11.1	11.2	10.0
North	6.4	6.9	6.8	8.5	12.2	13.6	14.9	15.6	15.7	15.4	14.3
Yorkshire and Humberside	4.4	4.6	4.4	5.8	9.4	10.7	11.7	12.0	12.3	12.7	11.6
East Midlands	3.9	3.9	3.5	4.7	7.7	8.8	9.8	10.1	10.1	10.3	9.2
East Anglia	4.1	3.8	3.3	4.1	6.6	7.7	8.3	8.2	8.2	8.4	7.0
South East	3.5	3.2	2.7	3.3	5.7	7.0	7.8	8.0	8.2	8.4	7.2
South West	5.2	4.9	4.2	4.8	7.1	8.1	9.0	9.3	9.6	9.8	8.4
West Midlands	4.5	4.3	4.2	5.8	10.4	12.2	13.1	13.0	13.0	12.8	11.3
North West	5.7	5.6	5.3	6.9	10.6	12.4	13.7	13.9	14.1	14.2	13.0
Wales	5.9	6.1	5.7	7.3	10.8	12.4	13.2	13.5	14.1	14.2	12.8
Scotland	6.4	6.4	6.1	7.5	10.4	11.7	12.6	13.0	13.3	13.7	13.3
Northern Ireland	8.1	8.5	8.2	9.8	13.1	14.7	15.8	16.2	16.4	17.9	17.9

1 The number of claimant unemployed as a percentage of the estimated total work force (the sum of claimant employees in employment, unemployed, self-employed, participants on work related government training programmes and HM Forces) at mid-year.

2 Seasonally adjusted and excluding school leavers, consistent with current coverage.

Sources Department of Employment; Department of Economic Development (Northern Ireland)

6.7

Civil Service staff¹
Analysis by ministerial responsibility
At 1 April in each year

	Full-time equivalents ² (thousands)										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total civil and defence departments	735.7	732.3	704.9	689.6	666.4	648.9	624.0	599.0	594.4	597.8	579.6
of which Non-industrials	567.3	565.8	547.5	539.9	528.0	518.5	504.3	498.0	498.2	507.5	506.6
Industrials	168.4	166.5	157.4	149.7	138.4	130.4	119.7	101.0	96.2	90.3	73.0
Total civil departments	485.3	484.6	465.1	460.0	449.4	440.0	424.8	425.0	424.9	433.8	436.2
Agriculture, Fisheries and Food	14.6	14.5	14.3	13.6	13.1	12.7	12.1	12.1	11.7	11.3	11.1
Chancellor of the Exchequer's Departments; ^{3, 4, 5}	128.9	128.2	119.0	114.9	121.0	117.4	112.4	111.9	111.0	110.1	108.6
Customs and Excise	28.8	28.8	27.2	26.8	26.2	25.4	25.1	25.4	25.1	25.8	26.3
Inland Revenue	85.2	84.6	78.3	75.6	74.0	73.1	69.8	69.8	69.3	67.8	66.6
Department for National Savings	10.9	10.8	10.4	10.0	9.1	8.3	8.0	7.8	7.8	7.7	7.4
Treasury and others ⁶	4.0	4.0	3.1	2.5	11.7	10.6	9.5	8.9	8.8	8.8	8.3
Education and Science ⁶	3.7	3.7	3.7	3.6	3.5	3.5	2.4	2.4	2.4	2.4	2.5
Employment ¹⁹	53.7	53.6	50.7	53.8	58.7	57.9	56.4	54.7	55.7	60.5	58.3
Energy ¹⁹	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0
Environment ^{7, 8, 9, 10}	57.3	56.0	51.7	47.0	42.1	39.4	36.6	35.8	34.9	34.2	33.0
Foreign and Commonwealth ¹¹	12.1	12.1	11.6	11.4	11.1	11.1	10.0	9.8	9.6	9.5	9.6
Home ^{11, 12}	33.2	33.5	34.1	35.4	34.6	35.1	36.4	36.6	37.5	37.6	39.2
Industry ¹³	9.5	9.5	9.1	8.8	8.3	7.7	—	—	—	—	—
Scotland ^{14, 15}	13.5	13.7	13.6	13.6	13.4	13.1	12.8	13.0	12.9	13.0	13.0
Social Services	99.5	100.9	98.9	100.1	98.0	96.4	92.6	94.9	94.9	97.7	102.3
Trade ^{13, 16}	9.7	9.6	9.4	9.3	8.9	8.9	—	—	—	—	—
Trade and Industry ^{12, 13, 17}	—	—	—	—	—	—	14.7	14.8	14.8	14.8	14.6
Transport ^{8, 16}	14.5	13.9	13.5	13.7	13.0	13.0	14.2	14.4	14.7	12.3	14.1
Wales	2.5	2.6	2.5	2.3	2.3	2.2	2.2	2.3	2.3	2.3	2.2
Other civil departments ^{3, 20}	31.3	31.4	31.7	31.3	20.2	20.5	20.9	21.2	21.5	25.1	26.7
Total Ministry of Defence ¹⁸	250.4	247.7	239.8	229.6	216.9	208.9	199.2	174.0	169.5	164.0	143.4

1 The figures include non-industrial and industrial staff but exclude casual or seasonal staff (normally recruited for short periods of not more than twelve months) and employees of the Northern Ireland Government

2 Part-time employees are counted as half units

3 The responsibilities for the Paymaster General's Office transferred from the Chancellor of the Exchequer's Departments to 'Other civil departments' on 1 July 1979 (868 staff) and are now included with 'Other civil departments'. The Treasury Solicitor was reclassified to 'Other civil departments' on 1 April 1981

4 Certain Civil Service Department (CSD) divisions, along with responsibility for CISCO, HMSO, COI and the Government Actuary's Department, were transferred to the Chancellor of the Exchequer (9 873 staff in all) on 7 December 1981. From the same date the Management and Personnel Office became responsible for CSD's work on efficiency and personnel management, recruitment and training (1 378 staff)

5 On 1 April 1982, responsibility for the HMSO binderies was transferred to the British Libraries Board, and in Scotland, to the National Library of Scotland. A total of 160 staff have been excluded from the manpower count

6 As of 1 April 1984 the Victoria and Albert Museum and the Science Museum became non-manpower count bodies, they have been accorded Trustee Status – around 1 100 staff are involved

7 From 1 October 1980, certain staff in Property Services Agency (1 276 involved) have been excluded from the manpower count

8 With effect from 1 April 1981, some 765 non-industrial Environment/Transport common services staff employed on work for the Department of Transport and previously counted in the Department of the Environment, were instead included in the former's figures

9 With effect from 1 April 1982, the Department of the Environment transferred to the Countryside Commission, 96 staff formerly on secondment to it; and hived-off the Hydraulics Research Station with its 244 staff. A total of 340 staff have been excluded from the manpower count

10 From 1 April 1984 approximately 1 100 staff of the Directorate of Historic Monuments and Ancient Buildings have been transferred to a new Commission outside the manpower count

11 From 1 April 1984 responsibility for the Passport Office was passed to the Home Office from the Foreign and Commonwealth Office (around 950 staff involved)

12 279 non-industrial staff employed in the Radio Regulatory Department of the Home Office were transferred to the Department of Trade and Industry in June 1983

13 Following the general election in June 1983 the former Departments of Trade and Industry merged

14 Departments of the Secretary of State for Scotland and the Lord Advocate

15 The State Hospital Carstairs was hived-off on 31 March 1984, around 400 staff were involved

16 Some 1 454 non-industrial staff employed in the Aviation and Shipping divisions of the Department of Trade were transferred in June 1983 to the Department of Transport

17 At 1 July 1984 a new department, Office of Telecommunications, was formed under the responsibility of the Secretary of State for Trade and Industry

18 On 2 January 1985 the Royal Ordnance Factories were incorporated as a Companies Act company and are no longer included in the manpower count

19 On 18 August 1986 a new department, the Office of Gas Supply, was formed under the responsibility of the Secretary of State for Energy

20 On 20 July 1987 the Serious Fraud Office was formed with staff transferred from the Crown Prosecution Service

Source HM Treasury

6.8 Unemployment figures by region¹

Seasonally adjusted quarterly averages

Thousands

		South East	Greater London ²	East Anglia	South West	West Midlands	East Midlands	Yorkshire and Humberside	North West	North	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
1977	1	287	..	31	93	111	65	96	170	89	68	147	1 158	50	1 207
	2	290	..	32	94	111	66	98	174	92	70	152	1 179	51	1 230
	3	297	..	33	97	114	70	105	180	97	74	159	1 226	52	1 278
	4	293	..	33	98	112	70	107	182	101	76	161	1 234	53	1 287
1978	1	279	..	31	94	108	69	106	177	102	75	160	1 201	54	1 255
	2	272	..	31	91	108	68	106	176	101	76	156	1 184	56	1 240
	3	263	..	30	88	108	68	106	175	102	76	153	1 170	56	1 226
	4	248	..	29	84	106	65	103	169	101	74	150	1 128	54	1 183
1979	1	242	119	29	82	106	64	104	170	102	75	152	1 126	55	1 181
	2	231	114	27	79	106	61	100	166	99	72	150	1 091	54	1 146
	3	219	108	26	77	105	59	98	162	98	69	150	1 063	55	1 118
	4	214	106	26	74	107	61	97	165	99	68	151	1 062	55	1 117
1980	1	224	111	27	76	112	64	104	177	105	72	160	1 120	57	1 176
	2	249	122	30	82	128	74	119	197	115	81	173	1 247	60	1 308
	3	299	143	36	95	157	90	140	225	126	94	190	1 453	68	1 521
	4	365	174	44	111	197	110	168	261	142	111	215	1 724	78	1 802
1981	1	424	202	50	124	232	125	192	292	159	121	233	1 952	84	2 036
	2	478	229	55	136	258	137	209	317	168	129	251	2 137	88	2 226
	3	520	251	58	142	275	143	220	339	176	135	265	2 271	90	2 360
	4	549	266	60	148	287	148	228	351	182	139	273	2 365	92	2 457
1982	1	570	277	62	152	296	151	232	258	184	143	278	2 427	94	2 521
	2	587	286	64	155	300	154	238	369	188	146	282	2 482	98	2 580
	3	607	297	66	160	309	159	245	381	195	150	290	2 561	100	2 661
	4	629	306	70	164	316	165	255	391	198	154	297	2 638	104	2 742
1983	1	648	319	71	168	324	170	260	399	202	156	302	2 700	105	2 805
	2	663	332	72	172	331	175	264	407	207	158	307	2 755	108	2 863
	3	674	339	72	174	330	176	266	411	208	158	309	2 778	110	2 888
	4	685	347	73	177	327	178	265	415	210	158	310	2 798	111	2 909
1984	1	696	353	73	180	326	182	270	421	213	161	317	2 838	112	2 951
	2	702	357	73	182	327	184	272	419	217	163	317	2 857	113	2 969
	3	717	365	74	186	330	188	278	422	221	166	320	2 901	113	3 013
	4	732	374	75	191	333	191	283	426	224	170	323	2 949	113	3 061
1985	1	744	380	77	194	335	193	285	429	223	170	326	2 978	113	3 091
	2	748	384	78	196	335	194	288	432	226	172	333	3 001	114	3 115
	3	750	387	78	197	333	193	289	431	226	173	332	3 002	166	3 118
	4	753	389	79	198	333	194	293	431	226	172	334	3 012	118	3 130
1986	1	767	395	81	201	336	196	300	433	229	175	337	3 054	121	3 176
	2	778	403	82	203	337	197	303	437	227	175	339	3 079	125	3 203
	3	775	403	82	203	336	198	304	435	225	172	344	3 074	127	3 202
	4	753	394	80	197	330	195	298	425	220	168	346	3 013	128	3 141
1987	1	729	383	78	191	320	191	294	417	218	162	346	2 946	126	3 072
	2	694	368	74	182	307	186	284	404	213	156	339	2 839	126	2 965
	3	654	351	70	172	290	176	272	385	204	151	326	2 699	125	2 824
	4	606	332	63	159	273	166	257	366	194	143	312	2 538	121	2 659
1988	1	565	317	58	152	258	158	246	352	188	137	303	2 416	117	2 534
	2	528	300	54	143	244	151	238	336	181	132	291	2 298	116	2 414

¹ The figures are based on the number of claimants at Unemployment Benefit Offices and are adjusted for seasonality and discontinuities to be consistent with current coverage.

² Included in South East.

Source Department of Employment

6.9 Vacancies unfilled in Great Britain¹

Thousands												
	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber
Numbers of vacancies remaining unfilled at jobcentres²												
1977	118	132	143	154	164	167	161	156	159	167	158	153
1978	157	170	184	202	214	226	217	212	231	240	230	219
1979	214	215	226	249	266	275	259	246	252	245	229	203
1980	177	169	167	166	168	156	127	111	112	101	86	76
1981	74	75	83	91	98	95	91	93	102	109	103	93
1982	96	102	109	121	128	129	120	117	119	125	117	107
1983	107	113	124	145	153	164	163	166	176	180	165	146
1984	139	141	150	161	176	179	174	168	179	181	169	152
1985 ³	146	149	159	177	184	193	187	184	198	205	192	169
1986	163	172	183	196	206	228	233	234	251	259	246	222
1987	216	214	224	238	263	274	270	268	293	310	301	269
1988	255	254	260	279	290	290						
Numbers of vacancies remaining unfilled at careers offices²												
1975	44	41	43	41	37	35	37	27	27	26	24	20
1976	18	18	21	24	29	28	26	25	26	23	21	18
1977	17	17	23	25	32	27	21	20	21	19	18	17
1978	17	19	24	25	33	31	28	27	30	29	27	27
1979	25	23	28	34	41	37	34	31	31	28	24	21
1980	19	18	19	19	24	19	16	12	9	8	5	4
1981	4	4	4	4	7	6	5	5	5	5	4	3
1982	4	5	6	6	9	8	6	6	6	6	5	5
1983	5	5	6	7	11	9	8	7	8	8	7	6
1984	6	7	7	8	10	12	10	9	9	9	8	7
1985	7	8	9	10	12	15	13	12	12	12	11	9
1986	9	9	10	10	11	18	17	16	15	14	13	12
1987	11	13	13	15	18	23	23	22	23	22	21	20
1988	19	18	20	21	26	30						

1 About one third of all vacancies are notified to jobcentres. These could include some that are suitable for young persons and similarly vacancies notified to careers offices could include some for adults. Because of possible duplication the two series should not be added together. The figures represent only the number of vacancies notified by employers and remaining unfilled on the day of the count.

2 The methods used for compiling vacancy statistics have changed as from September 1985 and figures have been revised back to January 1980. See *Employment Gazette*, October 1985, page 413.

3 Owing to a change in administrative arrangements, there was an artificial increase in the April 1985 level of unfilled vacancies at jobcentres, but the recorded stocks of unfilled vacancies for May should be minimally affected.

Source Department of Employment

6.10 Vacancies unfilled in Northern Ireland¹

												Number
	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber
Adults												
1977	1 835	1 795	1 808	1 815	1 802	2 029	1 994	2 046	2 092	2 134	1 986	1 786
1978	1 757	1 907	1 929	1 810	1 863	1 941	1 713	1 604	1 608	1 460	1 366	1 155
1979	1 098	1 160	1 237	1 489	1 558	1 517	1 398	1 314	1 388	1 318	1 210	1 109
1980	1 054	1 177	1 289	1 228	1 284	1 334	1 001	993	825	759	669	639
1981	595	603	619	732	728	741	714	735	791	811	859	795
1982	752	847	875	900	937	957	1 022	1 079	1 123	1 207	1 072	1 019
1983	1 017	1 037	1 160	1 171	1 237	1 380	1 351	1 334	1 298	1 203	1 070	1 113
1984	1 109	1 203	1 294	1 331	1 543	1 779	1 756	1 746	1 628	1 701	1 776	1 419
1985	1 216	1 349	1 609	1 669	1 876	1 912	1 766	1 651	1 662	1 627	1 516	1 502
1986	1 545	1 836	1 924	2 206	2 160	2 202	2 151	2 180	2 097	2 100	2 005	1 723
1987	1 766	1 952	1 985	2 162	2 147	2 223	2 130	2 111	2 148	2 222	2 326	2 728
1988	2 891	2 848	2 824	3 003	2 800	2 795	2 836					
Young Persons												
1977	518	495	543	462	607	565	400	474	567	508	427	345
1978	364	359	303	349	344	338	307	316	505	406	341	278
1979	243	252	261	286	306	240	261	294	308	250	228	182
1980	170	187	165	164	163	164	149	135	182	123	109	64
1981	71	64	66	109	61	62	54	82	135	158	120	124
1982	136	190	167	158	170	190	157	162	221	206	214	210
1983	193	208	243	295	340	282	240	227	309	352	371	330
1984	309	330	377	400	469	595	542	576	574	673	744	746
1985	709	766	797	837	887	987	758	628	691	651	605	489
1986	445	480	530	576	592	695	572	589	662	675	652	567
1987	546	598	703	635	737	893	814	806	846	978	921	819
1988	777	787	812	996	1 196	1 096	1 005					

1 The figures refer to vacancies notified to the Employment Service Jobmarkets of the Department of Economic Development, and remaining unfilled on the day of the count.

Source Department of Economic Development (Northern Ireland)

6.11 Industrial stoppages

United Kingdom

Thousands

	1982	1983	1984	1985	1986	1987
Working days lost through all stoppages in progress: total	5 312	3 753	27 135	6 399	1 923	3 545
Analysis by industry						
Coal extraction	377	484	22 483	4 142	143	217
Other energy and water	55	888	36	57	6	9
Metals, minerals and chemicals	248	229	185	167	192	60
Engineering and vehicles	1 262	1 242	1 965	481	744	422
Other manufacturing industries	409	302	510	261	135	115
Construction	41	68	334	50	33	22
Transport and communication	1 674	295	666	197	190	1 705
Public admin., sanitary services and education	389	115	764	957	449	939
Medical and health services	811	6	22	33	11	6
All other industries and services	46	124	170	54	20	53
Analysis by number of working days lost in each stoppage						
Under 250 days	66	57	49	39	48	48
250 and under 500 days	68	63	57	46	50	54
500 and under 1 000 days	122	121	116	100	89	88
1 000 and under 5 000 days	652	536	606	400	369	360
5 000 and under 25 000 days	857	678	993	499	381	388
25 000 and under 50 000 days	354	305	691	281	258	118
50 000 days and over	3 157	2 223	28 539	5 037	726	2 490
Working days lost per 1 000 employees all industries and services	248	178	1 278	298	89	163
Workers directly and indirectly involved: total	2 103	574	1 464	792	721	888
Analysis by industry						
Coal extraction	226	133	281	177	87	98
Other energy and water	56	41	7	6	2	2
Metals, minerals and chemicals	116	32	42	17	17	9
Engineering and vehicles	593	206	420	163	147	174
Other manufacturing industries	93	47	53	34	30	19
Construction	10	7	17	6	8	4
Transport and communication	481	48	192	104	72	207
Public admin., sanitary services and education	320	40	414	261	348	361
Medical and health services	194	1	17	10	4	4
All other industries and services	14	19	21	14	6	10
Analysis by duration of stoppage:						
Not more than 5 days	692	282	684	335	369	308
Over 5 but not more than 10 days	92	69	123	67	47	66
Over 10 but not more than 20 days	142	75	130	40	24	153
Over 20 but not more than 30 days	35	37	33	170	58	25
Over 30 but not more than 50 days	12	67	212	13	17	23
Over 50 days	1 130	44	208	167	206	313
Numbers of stoppages in progress: total	1 572	1 373	1 273	907	1 082	1 024
Analysis by industry						
Coal extraction	404	356	79	160	351	296
Other energy and water	16	19	21	9	10	6
Metals, minerals and chemicals	136	110	139	86	62	36
Engineering and vehicles	402	307	368	198	202	209
Other manufacturing industries	193	201	200	104	85	98
Construction	44	46	31	27	26	24
Transport and communication	172	150	204	143	145	191
Public admin., sanitary services and education	83	82	99	107	132	99
Medical and health services	43	34	64	28	35	24
All other industries and services	79	68	68	45	34	41

Notes These figures exclude details of stoppages involving fewer than ten workers or lasting less than one day except any in which the aggregate number of working days lost exceeded 100.

There may be some under-recording of small or short stoppages; this would have much more effect on the total of stoppages than of working days lost.

Some stoppages which affected more than one industry group have been counted under each of the industries but only once in the totals.

Stoppages have been classified using Standard Industrial Classification 1980.

The figures have been rounded to the nearest 100 workers and 1 000 working days; the sums of the constituent items may not, therefore, agree precisely with the totals shown.

Classifications by size are based on the full duration of stoppages where these continue into the following year.

In the analysis by number of working days lost, figures for 1982 to 1984 are for stoppages beginning in the year and include days lost from these stoppages in the first two months of the following year.

Working days lost per thousand employees are based on the latest available mid-year (June) estimates of employees in employment.

Source Department of Employment

6.12

Economic activity: 1981¹
Great Britain
All residents

Thousands

	Total	Age last birthday							
		Under 20	20–24	25–34	35–44	45–54	55–59	60–64	65 and over
Males: total population (aged 16 and over)	19 929	1 821	2 004	3 835	3 250	3 011	1 542	1 310	3 155
Total economically inactive (aged 16 and over)	4 430	645	218	110	71	109	130	333	2 815
Students	896	627	193	60	13	4	—	—	—
Retired	2 923	—	—	—	3	10	28	181	2 702
Permanently sick	512	8	13	31	43	86	98	147	85
Other	99	10	11	18	12	9	5	5	28
Total economically active	15 499	1 177	1 787	3 725	3 180	2 902	1 412	977	340
Self-employed (included above)	1 840	23	103	435	496	407	160	120	95
In employment	13 736	949	1 492	3 326	2 902	2 648	1 263	822	333
Working full-time	13 374	933	1 476	3 299	2 881	2 625	1 243	788	130
Working part-time	362	17	17	27	21	24	20	33	203
Out of employment	1 763	227	294	399	278	253	149	156	7
Seeking work	1 595	222	285	374	246	214	122	129	5
Temporarily sick	168	5	9	25	32	39	27	27	3
Females: total population (aged 16 and over)	21 687	1 746	1 954	3 797	3 223	3 039	1 625	1 474	4 830
Total economically inactive (aged 16 and over)	11 809	760	602	1 733	1 112	1 032	776	1 144	4 651
Students	862	672	139	34	13	4	—	—	—
Retired	1 785	—	—	—	3	10	38	298	1 437
Permanently sick	357	6	11	26	33	62	58	31	130
Other	8 806	82	451	1 673	1 064	958	680	815	3 083
Total economically active	9 878	986	1 352	2 064	2 110	2 007	849	330	179
Self-employed (included above)	457	5	23	100	128	107	43	26	26
In employment	9 146	814	1 196	1 909	2 014	1 912	802	324	174
Working full-time	5 602	776	1 092	1 163	975	1 013	417	117	50
Working part-time	3 543	38	104	746	1 039	899	385	207	125
Out of employment	732	172	157	155	96	95	47	6	5
Seeking work	645	165	147	139	79	72	36	4	3
Temporarily sick	88	7	10	16	17	22	11	2	2

1 During the week before the census (5 April 1981). For definition of terms used see *Census 1981, Definitions, Great Britain* (HMSO 1981).

Sources Office of Population Censuses and Surveys; General Register Office (Scotland)

6.13

Size of manufacturing units 1988

	Analysis by number of employees								
	Total	1 – 9	10 – 19	20 – 49	50 – 99	100 – 199	200 – 499	500 – 999	1 000 and over
Number of units									
All manufacturing industries	156 364	105 936	17 152	16 533	7 370	4 768	3 240	913	452
Extraction and preparation of metalliferous ores and metal manufacturing	1 679	679	221	330	180	117	98	32	22
Extraction of minerals not elsewhere specified and manufacture of non-metallic mineral products	7 264	4 668	991	818	358	218	158	43	10
Chemical industry and production of man-made fibres	4 200	2 288	480	547	331	236	188	87	43
Manufacture of metal goods not elsewhere specified	14 444	9 388	1 893	1 846	708	356	198	48	7
Mechanical engineering	25 209	17 433	2 921	2 773	978	566	367	117	54
Manufacture of office machinery and data processing equipment	1 350	976	125	110	52	42	28	10	7
Electrical and electronic engineering	10 961	7 171	1 047	1 131	574	432	370	148	88
Manufacture of motor vehicles and parts thereof	2 471	1 268	348	339	195	120	111	50	40
Manufacture of other transport equipment	2 498	1 595	247	259	142	88	71	32	64
Instrument engineering	2 836	1 708	353	398	175	120	68	11	3
Food, drink and tobacco manufacturing industries	11 055	6 592	1 385	1 258	672	497	450	136	65
Textile industry	5 318	3 019	521	677	457	387	213	37	7
Manufacture of leather and leather goods	1 401	1 001	161	141	61	28	9	—	—
Footwear and clothing industries	12 306	8 278	1 353	1 239	647	451	298	34	6
Timber and wooden furniture industries	14 414	10 902	1 373	1 285	486	261	91	15	1
Manufacture of paper and paper products; printing and publishing	23 948	17 843	2 381	2 108	741	479	295	76	25
Processing of rubber and plastics	5 618	3 138	712	812	451	292	176	28	9
Other manufacturing industries	9 392	7 989	640	462	162	78	51	9	1
Number of employees (thousands)									
All manufacturing industries	4 760.8	324.2	236.9	511.3	512.0	663.2	986.5	620.4	906.2
Extraction and preparation of metalliferous ores and metal manufacturing	151.9	2.3	3.1	10.8	12.4	16.7	30.3	22.2	54.2
Extraction of minerals not elsewhere specified and manufacture of non-metallic mineral products	199.2	15.0	13.5	25.5	25.2	30.4	47.8	28.5	13.4
Chemical industry and production of man-made fibres	282.7	7.5	6.6	17.5	23.9	33.1	59.8	59.6	74.5
Manufacture of metal goods not elsewhere specified	308.1	29.4	26.7	56.6	48.9	49.1	56.4	33.1	7.9
Mechanical engineering	598.1	52.9	40.7	85.3	67.4	77.8	113.2	79.9	80.8
Manufacture of office machinery and data processing equipment	44.0	2.6	1.7	3.4	3.6	5.7	8.6	6.7	11.5
Electrical and electronic engineering	542.2	20.1	14.4	35.1	40.0	60.6	116.8	103.5	151.6
Manufacture of motor vehicles and parts thereof	242.7	4.2	4.7	10.6	13.8	17.1	35.9	34.0	122.4
Manufacture of other transport equipment	282.6	4.4	3.4	7.9	9.9	12.1	22.3	24.0	198.5
Instrument engineering	85.5	5.6	4.9	12.3	12.2	16.8	20.9	8.2	4.8
Food, drink and tobacco manufacturing industries	535.8	24.9	19.1	38.7	47.1	69.9	140.2	90.4	105.6
Textile industry	222.6	9.9	7.1	21.4	32.1	53.5	64.9	24.2	9.5
Manufacture of leather and leather goods	20.0	2.9	2.2	4.3	4.3	3.8	2.5	—	—
Footwear and clothing industries	307.4	28.5	18.3	38.5	44.7	63.1	86.1	20.8	7.4
Timber and wooden furniture industries	194.9	30.3	18.9	39.3	33.0	35.8	26.8	9.9	1.0
Manufacture of paper and paper products; printing and publishing	445.7	51.2	33.0	64.1	51.3	67.0	87.1	49.9	42.0
Processing of rubber and plastics	208.8	10.8	9.8	25.6	31.1	40.1	52.3	19.5	20.1
Other manufacturing industries	88.4	21.8	8.7	14.2	10.9	10.7	14.7	6.4	1.1

Notes

- The analysis follows the Classes of the *Standard Industrial Classification 1980*.
- The employment information is drawn from BSO production inquiries (in particular the Annual Census of Production and the quarterly inquiries into manufacturers' sales) and relates generally to 1986.

Source Business Statistics Office

6.14

Average weekly earnings and hours of manual workers
Great Britain
Standard Industrial Classification 1980

At October

Manufacturing and certain other industries ¹						
Average weekly earnings ² (£)	All workers on adult rates Full-time	Males on adult rates Full-time	Males on other rates Full-time	Females on adult rates		Females on other rates Full-time
				Full-time	Part-time	
1983	138.74	148.63	78.39	91.26	47.62	58.16
1984	148.69	159.30	80.33	97.34	50.91	61.27
1985	160.39	..	..	..	..	..
1986	171.02	..	..	..	..	..
1987	184.10	..	..	..	..	..

Manufacturing industries						
1983	132.98	146.19	77.25	90.32	48.23	58.07
1984	143.09	157.50	80.38	96.30	51.54	61.17
1985	155.04	170.58	84.73	103.21	54.91	64.39
1986	164.74	182.25	88.68	110.48	59.04	70.59
1987	178.54	197.92	94.86	118.79	63.46	75.06

Manufacturing and certain other industries ¹						
Average weekly hours worked ³	All workers on adult rates Full-time	Males on adult rates Full-time	Males on other rates Full-time	Females on adult rates		Females on other rates Full-time
				Full-time	Part-time	
1983	42.4	43.3	39.8	38.2	21.6	38.2
1984	42.5	43.4	39.8	38.2	21.5	37.9
1985	42.8	..	..	..	..	..
1986	42.7	..	..	..	..	..
1987	43.1	..	..	..	..	..

Manufacturing industries						
1983	41.5	42.5	39.5	38.1	21.9	38.2
1984	41.7	42.8	39.5	38.1	21.7	37.9
1985	41.8	43.0	39.7	38.1	21.7	37.9
1986	41.6	42.7	39.4	38.1	21.9	37.9
1987	42.2	43.5	39.7	38.4	22.0	38.0

1 The coverage of the 'certain other industries' changed in 1984.
2 The figures represent the average earnings, including bonus, overtime, etc., and before deduction of income tax or insurance contributions, in one week in the month indicated. Administrative and clerical workers and other salaried persons have been excluded, together with short-time workers.

3 The figures include overtime and correspond with those for average earnings. A full account of the survey relating to October 1987 was published in *Employment Gazette*, April 1988.

Source Department of Employment

6.15

Average weekly and hourly earnings and hours Great Britain New Earnings Survey April of each year

	All industries					Manufacturing industries ¹				
	Average weekly earnings ²		Average hours ³		Average hourly earnings ^{2,3}		Average weekly earnings ²		Average hours ³	
	including those whose pay was affected by absence	excluding those whose pay was affected by absence	including those whose pay was affected by absence	excluding those whose pay was affected by absence	including those whose pay was affected by absence	excluding those whose pay was affected by absence	including those whose pay was affected by absence	excluding those whose pay was affected by absence	including those whose pay was affected by absence	excluding those whose pay was affected by absence
	£	£	p	p	£	£	p	p	£	£
All full-time men ⁴										
1982	151.5	154.5	41.7	365.6	364.6	148.8	152.6	42.2	357.0	354.0
1983	163.8	167.5	41.5	399.1	398.0	147.9	151.8	42.3	354.2	351.4
						158.6	163.3	42.2	383.0	380.0
1983	161.1	164.7	41.4	392.6	391.2	156.4	161.2	42.2	378.1	375.0
1984	174.3	178.8	41.7	423.0	421.4	171.2	176.8	42.8	409.9	406.2
1985	187.9	192.4	41.9	452.5	449.9	187.2	192.6	42.9	444.3	438.6
1986	203.4	207.5	41.8	488.9	486.6	202.3	207.8	42.9	479.1	474.0
1987	219.4	224.0	41.9	527.3	526.2	217.0	222.3	43.0	511.0	506.5
Full-time manual men ⁴										
1982	131.4	133.8	44.3	302.0	294.7	134.8	138.1	43.8	315.1	307.9
1983	140.3	143.6	43.9	326.5	319.0	134.4	137.8	43.9	313.7	306.7
						142.8	147.4	43.7	336.7	329.2
1983	138.4	141.6	43.8	322.7	315.2	141.0	145.5	43.6	333.0	325.5
1984	148.8	152.7	44.3	345.0	336.1	153.6	158.9	44.4	358.1	348.5
1985	159.8	163.6	44.5	368.0	356.8	167.5	172.6	44.6	386.8	373.8
1986	170.9	174.4	44.5	392.6	380.8	178.4	183.4	44.5	411.6	398.5
1987	182.0	185.5	44.6	416.5	404.3	191.2	195.9	44.7	437.6	423.8
Full-time non-manual men ⁴										
1982	177.9	178.9	38.2	462.5	462.3	180.1	181.4	38.8	457.9	457.0
1983	193.7	194.9	38.4	503.4	502.9	178.5	179.8	38.9	453.4	452.5
						193.2	194.6	39.1	491.6	491.0
1983	190.6	191.8	38.4	494.8	494.2	191.4	192.9	39.1	487.3	486.6
1984	207.3	209.0	38.5	537.4	536.4	211.7	213.5	39.3	537.8	537.1
1985	223.5	225.0	38.6	574.7	573.2	230.7	232.0	39.3	582.0	580.7
1986	243.4	244.9	38.6	627.3	625.8	254.4	255.7	39.3	641.0	640.0
1987	263.9	265.9	38.7	679.9	679.3	271.9	273.7	39.4	684.1	684.0
All full-time women ⁵										
1982	97.5	99.0	37.1	263.1	262.1	87.1	89.7	38.5	232.1	230.4
1983	106.9	108.8	37.2	288.5	287.5	86.8	89.4	38.5	231.4	229.7
						94.5	97.6	38.6	251.8	250.1
1983	107.6	109.5	37.2	290.6	289.5	94.7	97.9	38.6	252.7	251.0
1984	114.9	117.2	37.2	310.3	309.1	101.7	105.5	38.8	270.9	268.8
1985	123.9	126.4	37.3	334.0	332.4	110.6	114.7	38.8	294.4	291.5
1986	134.7	137.2	37.3	362.5	360.7	119.2	123.2	38.8	316.1	313.3
1987	144.9	148.1	37.5	388.4	386.2	128.2	133.4	39.0	339.2	335.9
Full-time manual women ⁵										
1982	78.3	80.1	39.3	205.0	202.7	79.9	82.9	39.6	209.5	207.1
1983	85.6	87.9	39.3	224.3	222.0	79.6	82.6	39.6	208.9	206.6
						86.7	90.3	39.7	227.3	224.9
1983	85.8	88.1	39.3	224.9	222.6	86.7	90.4	39.7	227.7	225.3
1984	90.8	93.5	39.4	238.0	235.1	91.9	96.0	39.9	240.9	238.1
1985	98.2	101.3	39.5	256.9	252.9	100.1	104.5	40.0	261.7	257.3
1986	104.4	107.5	39.5	273.0	269.2	107.0	111.6	40.0	278.9	274.6
1987	111.4	115.3	39.7	292.0	287.4	113.8	119.6	40.3	297.2	291.9

1 Results for manufacturing industries for 1983 onwards and the second row of figures for 1982 relate to Divisions 2, 3 and 4 of the 1980 SIC. The first row of figures for 1982 relate to Orders III to XIX inclusive of the 1968 Standard Industrial Classification (SIC).

2 The figures are gross before deductions. Generally they exclude the value of earnings in kind, but include payments such as overtime (except where otherwise stated), bonus, commission and shift premiums for the pay period.

3 The estimates given relate to employees for whom normal basic hours were reported and for whom total hours and hourly earnings could, therefore, be calculated.

4 Results for 1982 and the first row of figures for 1983 relate to men aged 21 and over. The second row of figures for 1983 and figures for 1984 onwards relate to males on adult rates.

5 Results for 1982 and the first row of figures for 1983 relate to women aged 18 and over. The second row of figures for 1983 and the figures for 1984 onwards relate to females on adult rates.

6.15

Average weekly and hourly earnings and hours
Great Britain
New Earnings Survey
April of each year

	All industries					Manufacturing industries ¹					
	Average weekly earnings ²		Average hours ³	Average hourly earnings ^{2,3}		Average weekly earnings ²		Average hours ³	Average hourly earnings ^{2,3}		
	including those whose pay was affected by absence	excluding those whose pay was affected by absence	those whose pay was affected by absence	including overtime pay and overtime hours	excluding overtime pay and overtime hours	including those whose pay was affected by absence	excluding those whose pay was affected by absence	those whose pay was affected by absence	including overtime pay and overtime hours	excluding overtime pay and overtime hours	
Full-time non-manual women ⁵	£	£		p	p	£	£		p	p	
1982	104.3	104.9	36.5	283.0	282.2	{	97.2	97.6	37.2	260.3	259.0
1983	114.2	115.1	36.5	310.0	309.0		97.0	97.4	37.2	259.8	258.5
							105.5	106.2	37.2	283.3	281.9
1983	115.1	116.1	36.5	312.9	311.9		106.2	107.0	37.2	285.4	284.0
1984	123.0	124.3	36.5	334.3	333.1		115.8	117.2	37.4	310.8	308.7
1985	132.4	133.8	36.6	359.1	357.6		125.5	126.8	37.4	336.5	334.7
1986	144.3	145.7	36.7	390.6	388.8		135.8	136.7	37.4	363.2	361.2
1987	155.4	157.2	36.8	418.0	415.9		147.7	149.1	37.5	391.6	389.4
Full-time adults ^{4,5}											
1982	134.1	136.5	40.2	334.6	332.1	{	134.0	138.0	41.3	329.6	325.4
1983	145.4	148.3	40.0	365.1	362.5		133.3	137.2	41.4	327.2	323.1
							143.2	148.0	41.4	354.1	349.9
1983	144.5	147.4	40.1	362.6	360.0		142.2	147.0	41.4	351.5	347.3
1984	155.8	159.3	40.3	389.9	386.7		155.2	160.8	41.9	380.6	375.4
1985	167.4	171.0	40.4	416.8	412.7		169.2	174.7	41.9	411.8	404.8
1986	181.2	184.7	40.4	450.8	446.8		183.1	188.6	41.9	444.4	437.7
1987	194.9	198.9	40.4	484.7	481.1		196.0	202.0	42.0	474.1	467.6
Full-time adults ⁶											
1982	132.1	134.5	40.2	329.3	326.7	{	132.0	135.9	41.3	324.6	320.3
1983	143.2	146.1	40.1	359.5	356.8		131.2	135.2	41.4	322.3	318.2
							141.2	146.0	41.4	349.1	344.8
Full-time youths and boys ⁷											
1982	81.9	82.4	40.8	202.1	198.3	{	83.7	84.7	41.1	206.4	202.0
1983	86.8	87.7	40.7	216.5	212.9		83.2	84.3	41.2	205.0	200.7
							88.7	90.5	41.4	219.5	215.1
1983 ⁸	79.8	81.0	40.5	197.9	195.1		..	..	..	..	..
1984 ⁸	74.8	76.3	40.6	188.4	185.2		..	..	..	..	..
1985 ⁸	80.7	81.7	40.9	200.9	196.6		85.8	87.2	41.4	211.3	205.6
1986 ⁸	85.6	87.4	40.9	213.9	209.2		87.6	89.5	41.4	216.1	210.7
1987 ⁸	89.0	90.5	40.9	222.4	217.9		93.9	95.7	41.5	231.2	224.9
Full-time girls ⁹											
1982	53.4	53.9	38.0	142.5	141.7	{	53.6	55.2	39.0	141.7	140.5
1983	54.7	55.7	38.0	147.2	146.4		53.6	55.3	39.1	141.9	140.7
							56.0	58.4	39.1	149.8	148.9
1983 ¹⁰	64.2	65.2	37.6	173.5	172.4		..	..	..	..	..
1984 ¹⁰	65.5	66.8	37.6	178.5	177.7		..	..	..	..	..
1985 ¹⁰	71.9	72.6	37.8	192.3	190.9		70.8	71.9	38.8	185.6	184.1
1986 ¹⁰	76.6	78.0	37.8	207.7	206.4		72.6	76.1	38.6	197.4	196.2
1987 ¹⁰	79.3	81.0	38.0	213.7	212.1		76.3	80.5	38.8	207.2	205.7

See footnotes 1 to 5 on page 121.

6 Males and females aged 18 and over (discontinued from 1984).

7 Under 21 years.

8 Males not on adult rates.

9 Under 18 years.

10 Females not on adult rates.

6.16

Average earnings index: all employees

Great Britain

Analysis by industry based on Standard Industrial Classification 1980

January 1980 = 100

	Unadjusted												
	Annual averages	January	February	March	April	May	June	July	August	September	October	November	December
Whole economy (Divisions 0 – 9)													
1981	125.8	118.2	119.3	121.2	121.9	123.5	126.0	126.9	129.0	129.4	130.0	131.4	133.1
1982	137.6	131.2	132.8	134.6	134.5	136.5	138.3	140.7	138.8	138.7	139.6	142.4	143.6
1983	149.2	142.6	145.4	146.1	146.0	148.3	149.7	151.7	150.4	150.5	151.7	152.8	155.1
1984	158.3	152.7	153.8	154.2	154.7	155.7	157.5	159.6	159.2	159.9	164.2	162.8	165.3
1985	171.7	163.4	164.6	168.1	169.4	169.4	171.9	173.7	173.4	176.1	173.9	176.8	180.0
1986	185.3	176.9	177.9	182.4	184.0	182.3	185.7	187.9	187.2	186.8	188.3	191.2	193.4
1987	199.8	190.4	191.2	194.5	196.0	198.1	200.0	203.1	201.6	201.4	203.4	207.3	210.3
Manufacturing industries (Revised definition Divisions 2 – 4)													
1981	123.6	115.7	117.3	118.9	118.4	121.0	124.5	125.4	126.0	126.2	128.6	130.8	130.8
1982	137.4	131.1	131.8	134.4	134.8	137.5	138.8	139.2	137.6	137.9	140.0	142.5	143.2
1983	149.7	142.9	143.7	145.1	146.7	149.2	150.2	151.2	149.9	150.9	153.3	156.5	157.0
1984	162.8	155.9	157.5	159.3	158.0	160.6	163.8	164.6	162.8	164.5	167.2	169.1	170.0
1985	177.6	170.5	170.6	173.9	176.0	175.6	179.1	180.2	177.0	179.8	179.7	184.0	185.3
1986	191.2	184.1	184.5	187.0	189.3	188.5	192.9	192.5	190.8	192.1	193.9	198.4	200.6
1987	206.7	198.5	199.4	201.2	202.5	203.8	208.2	209.8	206.0	208.2	211.0	214.0	217.4
Production industries (Revised definition Divisions 1 – 4)													
1981	124.1	116.4	117.8	119.9	119.1	121.5	125.2	126.2	126.3	126.6	128.9	130.9	130.9
1982	138.2	131.6	133.7	135.2	135.2	137.8	139.6	140.1	138.4	138.7	139.9	143.7	144.0
1983	150.0	143.5	144.1	145.9	147.4	149.3	150.4	151.8	150.4	151.4	154.1	155.7	155.9
1984	158.5	154.9	156.5	154.3	153.4	155.7	158.4	159.5	157.7	159.7	162.2	164.4	164.9
1985	176.2	165.9	166.3	171.7	174.3	174.2	178.1	179.9	176.6	179.8	179.3	183.5	184.4
1986	190.8	184.1	184.5	186.8	188.6	187.7	191.6	192.2	190.9	191.9	193.6	197.8	199.7
1987	206.1	198.4	199.1	200.7	202.2	202.8	206.9	208.9	206.5	207.8	210.4	213.5	216.1
Seasonally adjusted													
	Annual averages	January	February	March	April	May	June	July	August	September	October	November	December
Whole economy (Divisions 0 – 9)													
1981	125.8	119.7	120.7	121.3	122.6	123.6	124.8	125.8	128.9	129.5	130.2	130.8	131.7
1982	137.6	132.8	134.3	134.7	135.4	136.7	137.0	139.5	138.6	138.9	139.8	141.7	142.0
1983	149.2	144.5	147.2	146.3	147.0	148.6	148.2	150.3	150.2	150.7	152.0	152.1	153.4
1984	158.3	154.7	155.6	154.4	155.8	156.0	156.0	158.2	159.0	160.2	164.5	162.0	163.5
1985	171.7	165.5	166.5	168.3	170.6	169.7	170.2	172.2	173.1	176.4	174.3	175.9	178.1
1986	185.3	179.1	180.0	182.6	185.3	182.6	183.9	186.3	187.0	187.1	188.7	190.2	191.3
1987	199.8	192.8	193.4	194.8	197.4	198.5	198.1	201.3	201.3	201.8	203.8	206.3	208.0
Manufacturing industries (Revised definition Divisions 2 – 4)													
1981	123.6	116.5	118.2	118.9	119.2	120.0	122.6	124.2	126.9	127.4	129.4	129.9	130.2
1982	137.4	132.0	132.8	134.4	136.0	136.5	136.7	137.8	138.4	139.3	140.9	141.6	142.7
1983	149.8	144.0	144.8	145.0	148.1	148.2	147.8	149.7	150.8	152.4	154.4	155.6	156.6
1984	162.8	157.0	158.7	159.2	159.5	159.5	161.1	162.9	163.7	166.1	168.3	168.1	169.5
1985	177.7	171.7	172.0	173.8	177.6	174.4	176.2	178.3	178.1	181.5	180.9	182.9	184.7
1986	191.3	185.5	186.0	186.9	191.1	187.1	189.8	190.5	191.9	194.0	195.2	197.1	200.0
1987	206.7	200.0	201.0	201.1	204.4	202.4	204.8	207.6	207.2	210.3	212.4	212.7	216.8
Production industries (Revised definition Divisions 1 – 4)													
1981	124.1	117.3	118.7	119.4	119.7	120.5	123.5	124.8	127.3	127.9	129.9	130.0	130.5
1982	138.2	132.6	134.7	134.6	136.1	136.9	137.6	138.5	139.3	140.2	141.1	142.8	143.8
1983	150.0	144.6	145.2	145.3	148.5	148.4	148.2	150.0	151.3	153.0	155.4	154.7	155.8
1984	158.5	156.0	157.8	153.7	154.5	154.7	156.1	157.6	158.7	161.4	163.6	163.4	164.7
1985	176.2	167.1	167.6	171.0	175.5	173.2	175.6	177.8	177.8	181.7	180.8	182.4	184.2
1986	190.8	185.5	185.9	186.0	189.9	186.6	188.8	189.9	192.1	193.9	195.2	196.6	199.6
1987	206.1	199.9	200.6	199.8	203.6	201.6	203.9	206.4	207.8	209.9	212.1	212.2	215.9

Note: The seasonal adjustment factors currently used for the SIC 1980 series are based on data up to December 1982.

Source Department of Employment

6.16

Average earnings index: all employees
Great Britain
(continued) Analysis by industry based on Standard Industrial Classification 1980

January 1980 = 100

		Agri- culture and forestry ¹	Coal and coke	Mineral oil and natural gas	Elec- tricity, gas, other energy and water supply	Metal process- ing and manu- factur- ing	Mineral extrac- tion and manu- factur- ing	Chem- icals and man- made fibres	Mech- anical engin- eering	Elect- rical and elect- ronic engin- eering	Motor vehicles and parts	Other trans- port equip- ment	Metal goods and instru- ments	Food, drink and tobacco	Tex- tiles
SIC 1980 Class		(01-02)	(11-12)	(14)	(15-17)	(21-22)	(23-24)	(25-26)	(32)	(33-34)	(35)	(36)	(31,37)	(41-42)	(43)
1981		131.8	118.6	119.8	133.5	125.0	121.6	124.8	117.3	123.4	111.4	124.0	116.8	123.9	120.2
1982	Annual	144.2	131.1	135.8	147.8	137.3	136.8	138.9	130.6	139.2	125.3	137.3	129.3	136.7	131.8
1983	Averages	157.5	134.7	147.8	159.2	150.7	148.5	152.0	142.3	152.9	138.6	143.2	140.3	149.6	143.5
1984		169.6	67.7	162.5	170.4	167.1	159.5	164.9	156.1	167.1	149.0	157.4	151.9	160.9	154.4
1985		184.4	135.3	178.6	182.7	181.6	172.4	179.1	172.3	182.3	168.9	170.9	164.1	174.9	169.6
1986		194.6	166.8	195.6	195.4	193.4	185.7	193.2	184.3	196.9	183.6	184.4	176.2	190.1	181.9
1987		206.9	179.1	214.4	210.1	211.6	201.5	209.4	197.6	214.4	199.2	197.7	190.3	204.5	196.9
1987	January	188.9	174.6	203.7	207.8	205.4	190.2	198.4	189.1	204.0	189.8	193.2	181.1	201.5	188.5
	February	188.3	175.7	203.7	203.2	196.2	192.6	200.7	192.0	204.6	194.7	193.4	184.6	195.3	192.3
	March	189.5	178.5	205.3	202.3	196.9	195.5	198.9	193.4	208.6	196.6	201.7	185.5	195.9	194.8
	April	199.1	185.1	209.9	201.4	220.2	195.8	203.7	192.0	213.5	194.7	191.6	184.9	202.5	188.0
	May	196.7	172.7	220.2	203.0	205.8	196.5	205.8	193.6	210.9	198.3	191.6	187.1	205.8	193.7
	June	206.0	178.0	214.0	202.8	204.8	205.4	208.8	198.6	217.5	208.6	197.0	191.4	204.7	200.5
	July	210.2	177.0	223.1	211.9	234.4	205.0	212.9	200.7	216.7	201.8	196.3	192.1	205.1	201.8
	August	218.0	178.6	212.5	226.4	201.4	201.2	209.6	198.8	214.7	197.4	195.6	190.9	203.2	197.6
	September	229.0	177.9	209.3	216.1	208.2	206.2	205.2	199.4	216.6	199.8	197.9	193.7	207.0	199.0
	October	225.5	181.8	210.9	215.4	236.0	203.8	210.3	201.0	218.1	201.8	197.9	194.4	205.7	200.3
	November	222.5	183.5	238.4	218.8	207.9	206.7	229.0	205.1	220.9	202.8	202.3	200.9	210.7	205.1
	December	209.3	185.3	221.6	212.3	221.8	218.9	229.6	207.3	226.8	204.1	214.3	197.5	216.5	201.5

		Leather, foot- wear and clothing	Timber and wooden furniture	Paper products printing and publish- ing	Rubber, plastics and other manu- factur- ing	Con- struction	Distri- bution and repairs	Hotels and catering	Trans- port and com- muni- cation ³ (71-72, 75-77, 79)	Bank- ing, finance and insur- ance (81-82 83pt.- 84pt.)	Public adminis- tration	Edu- cation and health	Other ser- vices ⁴ (97pt.- 98pt.)	Whole econ- omy ²
SIC 1980 Class		(44-45)	(46)	(47)	(48-49)	(50)	(61-65, 67)	(66)	(71-72, 75-77, 79)	(81-82 83pt.- 84pt.)	(91- 92pt.)	(93,95)	(97pt.- 98pt.)	
1981		121.4	115.2	128.2	121.1	125.8	120.3	120.5	120.6	128.9	129.6	140.8	128.0	125.8
1982	Annual	134.1	126.9	142.8	134.0	137.6	132.6	127.6	132.2	144.6	140.0	147.9	143.7	137.6
1983	Averages	145.2	139.9	156.6	144.0	148.0	143.6	137.9	144.3	157.5	149.5	163.6	156.0	149.2
1984		155.6	150.2	170.1	157.1	156.7	153.9	148.0	154.1	170.4	159.3	170.3	169.4	158.3
1985		168.4	161.0	184.8	169.7	169.5	165.2	157.2	166.2	184.8	169.0	178.3	182.3	171.7
1986		180.8	172.3	198.6	183.0	182.9	176.7	168.7	177.0	203.5	178.5	196.3	196.7	185.3
1987		192.8	187.6	214.7	198.4	197.5	189.7	182.0	190.9	225.1	190.6	210.2	210.1	199.8
1987	January	187.1	184.8	205.2	189.9	186.6	183.3	171.8	177.0	210.3	184.2	196.0	206.3	190.4
	February	188.6	188.3	208.4	190.5	189.4	181.4	173.3	179.2	209.5	184.3	199.9	202.8	191.2
	March	193.2	174.6	210.5	195.6	196.6	185.4	176.2	187.7	231.1	186.0	197.4	201.7	194.5
	April	186.5	175.9	211.0	191.2	194.4	192.8	182.8	191.9	217.6	185.5	197.2	205.8	196.0
	May	192.1	184.2	213.4	198.0	192.9	187.8	182.4	190.9	221.5	186.6	217.7	208.2	198.1
	June	193.6	188.0	217.3	199.7	199.4	189.9	179.8	191.2	235.4	188.4	206.9	206.2	200.0
	July	195.3	184.8	215.6	201.1	200.2	189.2	176.8	195.2	221.7	195.7	222.1	215.1	203.1
	August	191.4	189.7	215.3	196.2	196.0	189.9	181.0	189.4	219.0	191.2	226.9	207.8	201.6
	September	193.2	190.9	219.8	198.1	199.4	192.0	180.8	189.9	222.8	193.9	211.1	213.8	201.4
	October	193.8	207.0	218.2	199.4	200.4	189.6	184.2	194.9	228.0	195.4	214.2	213.0	203.4
	November	196.7	199.5	220.2	207.9	205.1	193.8	190.6	201.8	247.6	197.3	213.3	216.8	207.3
	December	202.1	183.4	221.0	213.3	210.0	201.5	203.8	201.8	236.7	199.0	220.1	223.8	210.3

See Note on page 123.

1 England and Wales only.

2 Because of a dispute in the steel industry, insufficient information is available to enable reliable indices for 'Metal processing and manufacturing' to be calculated but the best possible estimates have been used in the compilation of the indices for manufacturing and whole economy. The index series for this group has a base of April 1980 = 100.

3 Excluding sea transport.

4 Excluding private domestic and personal services.

Source Department of Employment

6.17

Gross weekly and hourly earnings of full-time adults¹
Great Britain
New Earnings Survey
April of each year

		Gross weekly earnings ²					Gross hourly earnings ^{2, 3}				
		Lowest decile	Lower quartile	Median	Upper quartile	Highest decile	Lowest decile	Lower quartile	Median	Upper quartile	Highest decile
		£	£	£	£	£	p	p	p	p	p
All men	1980	74.7	90.7	113.3	143.4	183.1	178.4	212.5	260.8	335.7	447.8
	1981	82.9	100.9	126.5	163.8	212.1	201.1	238.8	298.0	392.2	531.1
	1982	89.7	109.9	139.1	180.5	233.8	217.5	260.5	327.8	433.3	587.9
	1983	96.3	118.4	150.3	195.0	255.0	234.6	281.5	356.1	473.0	648.6
	1983	92.8	115.9	148.1	192.8	252.4	227.2	275.6	349.9	466.2	639.3
	1984	99.0	124.0	160.6	209.6	275.4	240.8	294.3	377.1	503.2	694.2
	1985	105.1	132.9	172.8	226.3	296.3	255.8	313.8	402.9	537.8	740.7
	1986	111.4	141.8	185.1	243.7	320.8	271.6	334.6	432.9	581.5	806.4
	1987	117.9	150.1	198.4	262.8	349.5	286.1	354.4	462.1	627.7	875.6
Manual men	1980	71.8	86.3	105.0	129.0	156.7	170.1	198.5	234.8	278.8	330.5
	1981	79.6	94.5	114.2	139.9	172.0	190.7	221.0	261.9	314.4	374.7
	1982	85.5	102.4	125.2	154.6	191.0	206.1	241.2	287.7	345.7	412.6
	1983	91.2	110.2	134.8	165.4	204.5	221.5	259.3	310.1	375.2	450.5
	1983	89.0	108.1	133.1	163.9	202.7	216.0	255.3	307.0	372.0	446.6
	1984	94.1	115.2	143.3	178.8	220.7	227.9	270.7	328.0	399.6	478.6
	1985	100.4	122.9	153.3	191.8	237.1	242.4	288.3	350.2	425.7	509.2
	1986	105.5	130.2	163.4	205.5	253.9	256.1	305.9	373.2	457.2	546.4
	1987	110.6	137.8	173.9	218.8	272.2	268.5	322.4	395.1	486.0	585.4
Non-manual men	1979	65.7	81.8	103.6	131.9	169.0	169.2	209.3	266.9	346.5	452.2
	1980	80.3	100.4	127.7	163.8	215.0	206.2	256.8	330.2	432.3	568.1
	1981	91.5	115.5	148.9	192.8	248.3	235.0	295.5	383.7	507.7	676.2
	1982	98.9	125.4	162.5	210.5	275.2	254.4	325.4	423.6	559.8	739.8
	1983	106.3	136.2	176.1	230.3	300.2	273.9	351.5	458.1	608.5	808.5
	1983	101.8	132.7	173.9	228.1	297.5	260.3	341.5	451.0	602.1	800.0
	1984	109.4	143.3	188.8	247.4	325.2	280.6	368.5	488.8	652.5	864.7
	1985	116.6	153.7	202.4	266.2	348.9	298.2	393.0	523.7	696.2	924.4
	1986	124.6	165.9	219.4	289.2	383.2	319.9	424.3	567.1	761.7	1 012.3
	1987	132.5	176.8	235.7	312.1	416.4	339.7	450.4	608.0	820.9	1 101.3
As percentages of the corresponding median		Percentage									
All men	1980	65.9	80.1	100.0	126.5	161.6	68.4	81.5	100.0	128.7	171.7
	1981	65.6	79.8	100.0	129.5	167.7	67.5	80.1	100.0	131.6	178.2
	1982	64.5	79.0	100.0	129.8	168.1	66.4	79.5	100.0	132.2	179.4
	1983	64.1	78.8	100.0	129.8	169.7	65.9	79.1	100.0	132.8	182.2
	1983	62.7	78.2	100.0	130.2	170.4	64.9	78.8	100.0	132.2	182.7
	1984	61.6	77.2	100.0	130.6	171.5	63.9	78.0	100.0	133.5	184.1
	1985	60.8	76.9	100.0	131.0	171.5	63.5	77.9	100.0	133.5	183.9
	1986	60.2	76.6	100.0	131.6	173.3	62.7	77.3	100.0	134.3	186.3
	1987	59.4	75.7	100.0	132.5	176.2	61.9	76.7	100.0	135.8	189.5
Manual men	1980	68.4	82.2	100.0	122.9	149.2	72.4	84.5	100.0	118.7	140.7
	1981	69.7	82.8	100.0	122.5	150.6	72.8	84.4	100.0	120.1	143.1
	1982	68.3	81.8	100.0	123.5	152.6	71.6	83.8	100.0	120.2	143.4
	1983	67.7	81.8	100.0	122.7	151.7	71.4	83.6	100.0	121.0	145.3
	1983	66.9	81.2	100.0	123.1	152.3	70.4	83.2	100.0	121.2	145.5
	1984	65.7	80.4	100.0	124.8	154.0	69.5	82.6	100.0	121.8	145.9
	1985	65.5	80.1	100.0	125.1	154.6	69.2	82.3	100.0	121.5	145.4
	1986	64.5	79.7	100.0	125.8	155.4	68.6	82.0	100.0	122.5	146.4
	1987	63.6	79.2	100.0	125.8	156.5	67.9	81.6	100.0	123.0	148.2
Non-manual men	1980	62.9	78.6	100.0	128.2	168.3	62.4	77.8	100.0	130.9	172.0
	1981	61.4	77.6	100.0	129.5	166.8	61.2	77.0	100.0	132.3	176.3
	1982	60.9	77.2	100.0	129.6	169.4	60.1	76.8	100.0	132.2	174.7
	1983	60.4	77.3	100.0	130.8	170.4	59.8	76.7	100.0	132.8	176.5
	1983	58.6	76.3	100.0	131.2	171.1	57.7	75.7	100.0	133.5	177.4
	1984	57.9	75.9	100.0	131.1	172.3	57.4	75.4	100.0	133.5	176.9
	1985	57.6	75.9	100.0	131.6	172.4	57.0	75.1	100.0	132.9	176.5
	1986	56.8	75.6	100.0	131.8	174.7	56.4	74.8	100.0	134.3	178.5
	1987	56.2	75.0	100.0	132.4	176.6	55.9	74.1	100.0	135.0	181.1

1 Results for 1980–82 inclusive and the first row of figures for 1983 relate to men aged 21 and over. The second row of figures for 1983 and figures for 1984 onwards relate to males on adult rates.

2 Of those whose pay for the survey pay period was not affected by absence. The figures are gross before deductions. Generally they exclude the value of earnings in kind, but include payments such as overtime, bonus, commission, and shift premiums for the pay period.

3 Including overtime hours and overtime pay, of persons for whom normal basic hours were reported and for whom hourly earnings could, therefore, be calculated.

Source Department of Employment

6.17

Gross weekly and hourly earnings of full-time adults¹
Great Britain
New Earnings Survey
April of each year

		Gross weekly earnings ²					Gross hourly earnings ^{2, 3}				
		Lowest decile	Lower quartile	Median	Upper quartile	Highest decile	Lowest decile	Lower quartile	Median	Upper quartile	Highest decile
		£	£	£	£	£	p	p	p	p	p
All women	1980	49.5	58.8	72.4	91.2	116.7	131.5	153.7	188.9	238.9	317.7
	1981	55.9	66.3	82.2	106.7	141.9	148.0	174.9	216.3	278.5	385.8
	1982	60.2	71.7	90.0	116.5	152.0	160.2	190.4	237.4	306.1	418.0
	1983	65.6	78.7	98.8	128.3	166.2	174.1	208.1	260.4	337.7	459.6
	1983	66.2	79.6	99.5	129.3	166.6	175.6	209.9	262.4	340.3	462.9
	1984	70.7	84.6	106.8	139.1	177.7	187.3	223.0	279.9	365.8	496.7
	1985	75.8	90.6	115.2	150.8	189.5	201.1	238.5	301.1	394.3	534.1
	1986	80.3	97.0	123.4	163.8	209.8	213.1	255.9	323.9	427.9	589.2
	1987	85.3	103.8	132.9	177.5	228.3	226.7	272.8	347.7	459.4	625.8
	1980	45.6	53.8	64.7	78.1	92.9	122.5	140.2	165.1	194.8	226.3
	1981	49.7	58.8	71.4	86.2	102.5	135.2	153.6	182.5	216.3	252.5
	1982	53.0	62.8	76.7	92.4	110.5	144.2	165.9	197.2	234.4	270.5
	1983	57.9	68.5	84.1	101.8	122.2	155.8	179.9	215.6	255.9	300.6
Manual women	1983	58.3	68.8	84.3	102.0	122.3	156.9	180.6	216.2	256.3	300.7
	1984	62.0	72.7	88.6	108.1	131.0	166.4	191.0	227.5	271.2	319.5
	1985	66.1	78.5	95.3	116.4	143.3	178.5	205.6	244.1	292.3	345.4
	1986	69.9	83.3	101.1	124.6	151.3	188.0	217.7	259.1	313.1	366.6
	1987	74.0	88.1	108.2	133.7	165.5	200.0	231.1	276.7	334.1	397.5
Non-manual women	1979	42.3	49.7	60.8	76.9	97.8	111.5	132.1	161.2	205.4	277.4
	1980	51.4	61.0	75.7	96.6	122.3	137.2	162.4	201.2	258.3	345.9
	1981	58.7	69.5	87.0	114.9	150.3	156.3	185.9	231.9	304.2	421.4
	1982	63.4	75.9	95.6	124.7	158.8	169.6	203.8	255.7	335.3	454.0
	1983	69.1	83.0	104.7	137.9	172.4	183.8	222.7	280.5	369.2	498.3
	1983	70.0	83.7	105.6	139.1	173.4	186.0	225.1	282.6	372.8	502.2
	1984	74.5	89.4	113.5	149.6	185.2	199.3	239.2	302.0	400.9	535.1
	1985	79.9	95.7	122.0	161.4	199.0	212.6	254.8	323.1	430.7	577.4
	1986	85.0	102.9	131.5	175.3	219.7	226.7	274.7	349.0	466.8	635.9
	1987	90.4	110.4	142.2	188.9	237.9	241.7	294.0	374.4	498.7	676.2
As percentages of the corresponding median		Percentage									
All women	1980	68.4	81.3	100.0	126.1	161.3	69.6	81.4	100.0	126.5	168.2
	1981	68.0	80.6	100.0	129.8	172.6	68.5	80.9	100.0	128.8	178.4
	1982	66.9	79.7	100.0	129.4	169.0	67.5	80.2	100.0	128.9	176.1
	1983	66.4	79.7	100.0	129.9	168.3	66.9	79.9	100.0	129.7	176.5
	1983	66.5	79.9	100.0	129.9	167.4	66.9	80.0	100.0	129.7	176.5
	1984	66.2	79.2	100.0	130.2	166.3	66.9	79.7	100.0	130.7	177.5
	1985	65.8	78.7	100.0	130.9	164.5	66.8	79.2	100.0	131.0	177.4
	1986	65.1	78.6	100.0	132.7	170.0	65.8	79.0	100.0	132.1	181.9
	1987	64.2	78.1	100.0	133.5	171.7	65.2	78.5	100.0	132.2	180.0
Manual women	1980	70.5	83.1	100.0	120.7	143.6	74.2	84.9	100.0	118.0	137.0
	1981	69.6	82.4	100.0	120.7	143.6	74.1	84.1	100.0	118.6	138.3
	1982	69.2	81.9	100.0	120.5	144.1	73.1	84.1	100.0	118.8	137.2
	1983	68.8	81.5	100.0	121.1	145.3	72.3	83.4	100.0	118.7	139.4
	1983	69.2	81.6	100.0	120.9	145.1	72.6	83.5	100.0	118.6	139.1
	1984	70.0	82.1	100.0	122.0	147.9	73.1	84.0	100.0	119.2	140.5
	1985	69.4	82.4	100.0	122.2	150.4	73.1	84.2	100.0	119.8	141.5
	1986	69.2	82.4	100.0	123.3	149.7	72.6	84.0	100.0	120.8	141.5
	1987	68.3	81.4	100.0	123.5	152.9	72.3	83.5	100.0	120.8	143.7
Non-manual women	1980	67.9	80.6	100.0	127.6	161.6	68.2	80.7	100.0	128.4	172.0
	1981	67.5	79.9	100.0	132.1	172.7	67.4	80.2	100.0	131.2	181.7
	1982	66.4	79.4	100.0	130.5	166.2	66.3	79.7	100.0	131.2	177.6
	1983	66.1	79.3	100.0	131.7	164.8	65.5	79.4	100.0	131.6	177.7
	1983	66.3	79.3	100.0	131.7	164.2	65.8	79.6	100.0	131.9	177.7
	1984	65.7	78.8	100.0	131.8	163.1	66.0	79.2	100.0	132.7	177.2
	1985	65.5	78.5	100.0	132.3	163.1	65.8	78.9	100.0	133.3	178.7
	1986	64.6	78.2	100.0	133.3	167.1	65.0	78.7	100.0	133.8	182.2
	1987	63.6	77.6	100.0	132.8	167.3	64.6	78.5	100.0	133.2	180.6

1 Results for 1980–82 inclusive and the first row of figures for 1983 relate to women aged 18 and over. The second row of figures for 1983 and figures for 1984 onwards relate to females on adult rates.

2 Of those whose pay for the survey pay period was not affected by absence. The figures are gross before deductions. Generally they exclude the value of earnings in kind, but include payments such as overtime, bonus, commission, and shift premiums for the pay period.

3 Including overtime hours and overtime pay, of persons for whom normal basic hours were reported and for whom hourly earnings could, therefore, be calculated.

Source Department of Employment

6.18

Gross weekly and hourly earnings of full-time adults¹
Northern Ireland
April of each year

		Gross weekly earnings ²					Gross hourly earnings ²				
		Lowest decile	Lower quartile	Median	Upper quartile	Highest decile	Lowest decile	Lower quartile	Median	Upper quartile	Highest decile
		£	£	£	£	£	p	p	p	p	p
All men	1979	53.7	65.5	84.3	112.7	145.3	130.6	153.6	190.7	239.3	318.6
	1980	64.8	79.1	103.5	134.3	176.6	158.7	188.6	234.0	304.9	379.1
	1981	73.4	90.1	114.8	152.9	210.3	178.5	212.3	264.3	347.0	439.6
	1982	79.6	97.5	125.5	163.5	225.8	193.3	229.8	291.8	385.4	507.9
	1983	83.9	102.3	133.2	175.6	240.0	208.7	246.4	307.1	410.9	518.3
	1984	85.4	107.3	144.6	194.9	273.3	210.1	258.6	332.4	447.1	587.3
	1985	91.9	115.7	153.7	205.1	279.4	222.8	274.6	347.6	465.8	617.1
	1986	95.5	119.1	160.6	216.6	297.5	234.4	289.1	363.8	506.6	663.5
	1987	103.3	130.4	176.3	242.0	324.8	253.6	313.6	404.9	551.0	714.5
Manual men	1979	52.5	61.9	77.5	97.3	124.8	127.7	144.0	174.4	208.3	243.6
	1980	63.2	75.1	92.0	120.1	147.6	153.9	178.0	213.8	257.3	318.1
	1981	71.3	83.7	103.4	128.5	157.0	175.2	203.3	241.4	294.7	348.1
	1982	75.6	90.4	111.0	137.1	164.8	187.4	218.2	262.1	308.9	371.1
	1983	80.5	94.8	117.4	146.4	174.6	201.1	232.0	276.5	334.7	392.1
	1984	80.8	98.0	123.6	160.4	199.2	202.1	236.6	292.2	352.4	427.4
	1985	88.5	105.7	131.6	168.6	208.2	214.9	256.8	307.1	378.6	451.1
	1986	90.4	110.3	137.1	177.5	220.6	226.5	267.9	322.6	387.6	482.0
	1987	98.4	119.1	151.6	191.8	236.7	244.4	296.4	349.2	423.3	511.4
Non-manual men	1979	58.6	72.3	96.4	128.8	163.9	146.8	179.9	232.5	303.3	387.8
	1980	69.6	91.1	119.1	161.8	210.6	172.5	222.7	291.6	366.4	472.1
	1981	78.8	105.9	143.3	196.8	262.9	200.2	257.3	348.6	445.8	573.4
	1982	91.1	118.4	154.5	210.2	305.9	224.8	293.0	392.9	501.7	694.0
	1983	97.0	124.2	165.6	225.0	290.7	241.1	305.1	419.3	514.7	680.3
	1984	100.6	133.2	181.0	250.6	328.5	247.6	329.0	450.3	569.3	725.8
	1985	102.4	140.1	187.4	250.6	327.7	255.5	340.4	460.4	593.4	744.5
	1986	104.6	149.1	198.5	274.7	348.0	253.9	357.4	497.3	628.7	809.0
	1987	116.7	166.7	226.9	302.6	381.8	292.4	411.5	552.5	690.6	859.1
As percentages of the corresponding median		Percentage					Percentage				
All men	1979	63.7	77.8	100.0	133.7	172.4	68.5	80.6	100.0	125.5	167.1
	1980	62.6	76.5	100.0	129.7	170.7	67.8	80.6	100.0	130.3	162.0
	1981	63.9	78.5	100.0	133.2	183.2	67.5	80.4	100.0	131.3	166.3
	1982	63.4	77.7	100.0	130.2	179.9	66.2	78.8	100.0	132.1	174.1
	1983	63.0	76.8	100.0	131.8	180.2	68.0	80.2	100.0	133.8	168.8
	1984	59.1	74.2	100.0	134.8	189.0	63.2	77.8	100.0	134.5	176.7
	1985	59.8	75.3	100.0	133.5	181.8	64.1	79.0	100.0	134.0	177.5
	1986	59.5	74.2	100.0	134.9	185.2	64.4	79.5	100.0	139.3	182.4
	1987	58.6	74.0	100.0	137.3	184.2	62.6	77.5	100.0	136.1	176.5
Manual men	1979	67.7	79.8	100.0	125.5	161.0	73.2	82.6	100.0	119.5	139.7
	1980	68.7	81.6	100.0	130.6	160.4	72.0	83.2	100.0	120.3	148.8
	1981	69.0	81.0	100.0	124.3	151.8	72.6	84.2	100.0	122.1	144.2
	1982	68.1	81.5	100.0	123.5	148.5	71.5	83.3	100.0	117.9	141.6
	1983	68.5	80.7	100.0	124.7	148.7	72.7	83.9	100.0	121.0	141.8
	1984	65.4	79.3	100.0	129.8	161.2	69.2	81.0	100.0	120.6	146.3
	1985	67.3	80.4	100.0	128.2	158.3	70.0	83.6	100.0	123.3	146.9
	1986	65.9	80.5	100.0	129.5	160.9	70.2	83.0	100.0	120.1	149.4
	1987	64.9	78.6	100.0	126.5	156.1	70.0	84.9	100.0	121.2	146.4
Non-manual men	1979	60.7	75.0	100.0	133.6	169.9	63.2	77.4	100.0	130.5	166.8
	1980	58.4	76.4	100.0	135.8	176.8	59.2	76.4	100.0	125.7	161.9
	1981	54.9	73.9	100.0	137.3	183.4	57.4	73.8	100.0	127.9	164.5
	1982	58.9	76.6	100.0	136.0	198.0	57.2	74.6	100.0	127.7	176.6
	1983	58.6	75.0	100.0	135.9	175.5	57.5	72.8	100.0	122.7	162.3
	1984	55.6	73.6	100.0	138.4	181.5	55.0	73.1	100.0	126.4	161.2
	1985	54.7	74.8	100.0	133.8	174.9	55.5	73.9	100.0	128.9	161.7
	1986	52.7	75.1	100.0	138.4	175.3	51.1	71.9	100.0	126.4	162.7
	1987	51.4	73.5	100.0	133.4	168.2	52.9	74.5	100.0	125.0	155.5

1 For 1978 to 1983 men aged 21 and over, women aged 18 and over. For 1984 onwards men and women on adult rates.
2 Those whose pay in the survey period was not affected by absence. Weekly

earnings figures refer to April in each year and are gross before deductions excluding, generally, the value of incomes in kind, but including bonus and commission payments for the pay period.

Source Department of Economic Development (Northern Ireland)

6.18

Gross weekly and hourly earnings of full-time adults¹

Northern Ireland

(continued) April of each year

		Gross weekly earnings ²					Gross hourly earnings ²				
		Lowest decile	Lower quartile	Median	Upper quartile	Highest decile	Lowest decile	Lower quartile	Median	Upper quartile	Highest decile
		£	£	£	£	£	p	p	p	p	p
All women	1979	39.0	45.4	55.8	72.1	97.6	100.4	114.2	137.4	169.5	212.5
	1980	45.9	54.8	68.7	87.5	118.1	117.6	140.6	172.3	210.4	271.0
	1981	51.2	62.3	78.9	105.1	145.3	132.9	160.2	198.5	245.0	316.8
	1982	54.7	67.3	85.0	112.6	157.7	138.2	169.3	212.2	267.4	339.7
	1983	60.9	73.4	95.4	126.8	166.8	160.7	188.5	235.7	297.8	390.0
	1984	66.0	77.3	99.6	134.9	178.1	173.6	202.1	248.2	321.0	418.3
	1985	72.2	85.9	109.6	148.9	184.3	183.4	216.4	268.3	349.0	447.4
	1986	72.4	89.3	114.4	158.5	199.4	187.1	226.2	279.4	370.5	495.2
Manual women	1987	75.2	92.1	123.3	170.7	220.2	199.5	238.4	301.6	400.1	539.8
	1979	36.5	42.2	50.5	60.7	71.8	96.0	109.2	127.3	147.6	172.5
	1980	43.5	50.2	60.4	75.1	88.4	113.5	130.2	156.8	185.2	211.0
	1981	48.3	56.9	69.2	84.1	100.9	130.1	147.9	177.5	209.8	247.4
	1982	52.6	61.1	72.8	90.6	112.3	136.9	156.3	187.3	226.1	274.3
	1983	55.9	65.7	77.5	95.5	115.1	147.0	169.1	198.6	241.3	291.5
	1984	60.8	68.7	81.3	97.4	117.4	162.3	181.6	208.8	248.4	294.5
	1985	65.5	75.8	90.0	109.4	143.8	169.5	193.2	228.3	275.9	345.2
Non-manual women	1986	63.7	75.4	93.3	111.6	144.6	176.1	198.3	235.6	282.9	336.6
	1987	70.9	79.7	99.6	121.2	157.0	187.0	213.7	250.6	305.7	371.4
	1979	40.8	48.0	59.6	80.2	100.0	103.6	120.0	146.5	186.3	234.5
	1980	49.5	58.6	73.8	97.7	125.6	126.8	145.9	184.0	226.4	303.5
	1981	53.1	64.4	84.4	116.9	158.2	135.0	166.3	210.8	264.8	361.3
	1982	57.7	72.0	90.5	124.1	160.3	139.2	177.9	229.4	281.9	371.3
	1983	66.1	81.9	103.6	141.3	176.4	170.1	207.0	256.5	332.5	434.4
	1984	71.4	87.3	109.9	149.2	188.8	186.5	218.5	275.3	356.9	454.8
As percentages of the corresponding median	1985	77.3	92.2	121.4	163.9	200.4	197.4	236.5	294.8	383.4	472.6
	1986	79.6	98.4	128.7	179.9	210.1	204.5	250.9	316.0	418.4	524.1
	1987	82.0	100.8	137.1	191.8	234.3	209.6	255.0	338.8	442.7	584.0
		Percentage					Percentage				
All women	1979	70.0	81.5	100.0	129.4	175.1	73.0	83.1	100.0	123.4	154.6
	1980	66.8	79.7	100.0	127.3	171.9	68.2	81.6	100.0	122.2	157.3
	1981	64.9	78.9	100.0	133.2	184.0	66.9	80.7	100.0	123.4	159.6
	1982	64.4	79.1	100.0	132.5	185.4	65.1	79.8	100.0	126.0	160.1
	1983	63.9	77.0	100.0	132.9	174.9	68.2	80.0	100.0	126.4	165.5
	1984	66.3	77.6	100.0	135.4	178.7	70.0	81.4	100.0	129.3	168.5
	1985	65.9	78.4	100.0	135.9	168.2	68.4	80.7	100.0	130.1	166.7
	1986	63.3	78.1	100.0	138.5	174.3	67.0	81.0	100.0	132.6	177.2
Manual women	1987	60.9	74.7	100.0	138.4	178.6	66.1	79.0	100.0	132.7	178.9
	1979	72.2	83.6	100.0	120.2	142.2	75.4	85.7	100.0	115.9	135.5
	1980	71.9	83.1	100.0	124.3	146.2	72.4	83.0	100.0	118.1	134.6
	1981	69.8	82.2	100.0	121.5	145.8	73.3	83.3	100.0	118.2	139.4
	1982	72.2	83.8	100.0	124.4	154.1	73.1	83.4	100.0	120.7	146.5
	1983	72.1	84.8	100.0	123.2	148.5	74.0	85.2	100.0	121.5	146.8
	1984	74.7	84.5	100.0	119.8	144.4	77.8	87.0	100.0	119.0	141.1
	1985	72.8	84.2	100.0	121.5	159.8	74.3	84.6	100.0	120.9	151.2
Non-manual women	1986	68.3	80.8	100.0	119.6	155.0	74.7	84.2	100.0	120.1	142.9
	1987	71.2	80.0	100.0	121.7	157.6	74.6	85.3	100.0	122.0	148.2
	1979	68.6	80.6	100.0	134.7	167.8	70.7	81.9	100.0	127.1	160.1
	1980	67.1	79.4	100.0	132.5	170.2	68.9	79.3	100.0	123.0	164.9
	1981	62.9	76.3	100.0	138.5	187.4	64.0	78.9	100.0	125.6	171.4
	1982	63.7	79.6	100.0	137.0	177.1	60.7	77.5	100.0	122.9	161.9
	1983	63.8	79.1	100.0	136.4	170.3	66.3	80.7	100.0	129.6	169.4
	1984	65.0	79.5	100.0	135.8	171.9	67.8	79.4	100.0	129.6	165.2
	1985	63.6	75.9	100.0	135.0	165.0	67.0	80.2	100.0	130.1	160.3
	1986	61.8	76.5	100.0	139.8	163.2	64.7	79.4	100.0	132.4	165.9
	1987	59.8	73.5	100.0	140.0	171.0	61.9	75.3	100.0	130.7	172.4

See footnotes on page 127.

Source Department of Economic Development (Northern Ireland)

6.19

Average earnings by age group of full-time employees whose pay for the survey pay-period was not affected by absence
Great Britain
New Earnings Survey April 1987

	Gross weekly earnings								Average hourly earnings excluding overtime pay ¹	Average weekly hours ¹	
	Average		As percentage of the median		Median	As percentage of the median		Per-centage earning under £75			
	Total	Overtime pay	Lowest decile	Lower quartile		Upper quartile	Highest decile				
All full-time males											
Under 18	79.4	5.4	66.6	80.5	74.0	124.3	156.2	51.0	190.8	40.8	38.8
18 to 20	119.7	10.6	66.8	80.8	109.8	127.7	161.3	10.7	282.2	41.4	38.6
21 to 24	164.2	15.8	65.0	79.7	152.4	125.9	156.7	1.4	384.9	41.8	38.4
25 to 29	202.1	18.9	63.9	79.3	186.2	126.4	161.1	0.7	476.5	41.9	38.3
30 to 39	241.9	20.0	61.6	77.9	218.6	129.3	167.3	0.4	573.1	41.8	38.1
40 to 49	256.5	19.9	60.7	76.4	226.8	132.4	176.6	0.3	603.8	42.0	38.2
50 to 59	233.9	18.0	61.5	77.0	201.8	134.1	182.5	0.4	549.7	41.9	38.3
60 to 64	200.3	15.4	64.4	78.7	176.3	129.4	171.2	0.8	466.1	41.9	38.5
18 and over	222.1	18.3	58.4	75.4	196.8	132.8	176.9	1.1	521.3	41.9	38.2
21 and over	227.9	18.7	60.8	76.5	201.6	132.2	175.4	0.6	535.7	41.9	38.2
All ages	220.1	18.1	57.2	75.0	195.3	133.2	177.7	1.8	516.5	41.9	38.3
Full-time manual males											
Under 18	78.8	6.1	65.2	79.2	73.6	125.4	158.8	51.8	184.6	41.7	39.3
18 to 20	121.0	13.1	63.9	79.5	111.4	128.9	162.4	11.9	275.4	42.8	39.2
21 to 24	161.3	20.9	64.6	79.0	151.1	125.0	156.0	1.6	358.1	43.9	39.2
25 to 29	181.1	26.1	66.1	80.7	169.1	125.0	156.9	0.8	395.7	44.5	39.2
30 to 39	197.9	30.7	65.5	79.8	185.7	124.7	154.3	0.4	425.8	45.1	39.1
40 to 49	202.3	31.6	66.0	80.3	189.2	124.9	155.1	0.3	434.7	45.3	39.1
50 to 59	187.1	26.3	66.5	80.5	175.7	124.2	153.0	0.3	410.9	44.4	39.0
60 to 64	171.3	21.6	67.1	80.9	162.4	123.5	148.8	0.4	383.6	43.7	39.1
18 and over	183.7	26.6	62.7	78.7	172.5	126.2	157.0	1.4	400.5	44.5	39.1
21 and over	188.2	27.6	64.9	79.6	176.4	125.3	155.7	0.6	409.6	44.7	39.1
All ages	181.7	26.3	61.0	78.1	171.2	126.5	157.5	2.3	396.6	44.5	39.1
Full-time non-manual males											
Under 18	80.8	4.0	72.9	84.2	74.9	121.6	149.9	49.1	205.0	38.9	37.5
18 to 20	117.1	6.0	71.4	83.1	106.8	125.0	155.8	8.5	296.0	38.8	37.3
21 to 24	163.4	8.5	66.4	80.1	154.1	128.0	158.3	1.2	425.5	38.9	37.3
25 to 29	223.8	11.4	64.5	79.7	203.4	126.5	161.1	0.6	569.2	39.1	37.3
30 to 39	280.7	10.5	64.6	80.6	250.4	128.8	166.8	0.3	724.2	38.6	37.1
40 to 49	309.7	8.5	61.0	78.5	274.0	130.1	174.6	0.3	800.9	38.5	37.2
50 to 59	291.5	7.9	58.1	75.3	253.0	133.6	184.5	0.4	752.0	38.5	37.2
60 to 64	245.4	5.7	60.6	75.6	211.0	135.5	187.6	1.3	618.9	38.6	37.6
18 and over	264.2	9.1	55.4	74.7	234.5	132.6	176.9	0.9	674.5	38.7	37.2
21 and over	270.2	9.2	58.1	76.0	239.0	131.9	176.0	0.5	691.4	38.7	37.2
All ages	262.5	9.1	54.2	74.5	233.2	132.8	177.5	1.3	669.7	38.7	37.2
All full-time females											
Under 18	78.5	2.3	66.5	82.2	74.0	122.8	151.5	51.1	204.4	38.2	37.4
18 to 20	100.6	3.0	71.7	85.6	95.9	119.0	143.8	15.4	263.2	38.0	37.2
21 to 24	128.6	3.8	69.5	81.9	121.8	122.7	147.5	4.3	336.3	37.9	37.1
25 to 29	159.1	4.7	63.1	78.5	149.1	124.2	155.1	2.4	417.5	37.6	36.7
30 to 39	167.0	3.9	60.1	75.3	152.5	133.7	163.8	3.0	441.5	37.1	36.3
40 to 49	156.9	3.7	63.4	78.3	139.8	138.3	172.0	3.1	409.2	37.3	36.4
50 to 59	152.5	2.9	64.1	78.8	134.7	136.5	177.5	4.4	397.6	37.2	36.5
60 to 64	143.5	3.8	57.6	74.6	128.9	129.2	182.5	10.5	369.9	37.2	36.3
18 and over	147.2	3.7	63.8	77.8	132.2	133.6	172.2	4.8	383.8	37.5	36.6
21 and over	153.0	3.8	64.0	78.4	137.9	132.7	168.5	3.5	399.8	37.4	36.6
All ages	145.5	3.7	63.1	77.1	130.8	133.7	173.1	6.0	379.1	37.5	36.7
Full-time manual females											
Under 18	76.2	3.0	66.1	82.9	72.0	120.4	150.6	55.4	189.2	39.9	38.8
18 to 20	97.3	4.9	67.9	82.5	92.0	121.8	148.9	22.8	242.5	40.0	38.5
21 to 24	113.2	5.9	69.2	82.3	106.8	122.8	151.6	11.1	279.8	40.0	38.5
25 to 29	122.1	6.5	66.3	81.1	113.3	125.7	161.5	9.3	298.8	39.8	38.2
30 to 39	119.7	6.3	65.8	79.5	113.4	121.7	153.3	10.3	297.9	39.6	38.1
40 to 49	119.9	7.5	68.6	81.0	112.6	123.0	152.0	8.1	299.2	39.7	37.8
50 to 59	114.2	5.3	69.5	82.1	108.9	120.5	144.9	9.2	289.2	39.1	37.7
60 to 64	108.2	7.8	71.8	83.2	95.6	128.5	161.2	19.0	279.0	38.4	36.6
18 and over	115.0	6.2	68.1	81.3	108.0	123.6	153.0	11.3	286.6	39.7	38.0
21 and over	117.4	6.4	68.0	81.2	110.3	123.1	152.5	9.8	292.6	39.6	38.0
All ages	113.7	6.1	67.3	80.8	106.8	124.1	153.7	12.8	283.2	39.7	38.1

¹ The estimates given relate to employees for whom normal basic hours were reported and for whom total hours and hourly earnings could, therefore, be calculated.

Source Department of Employment

6.19

(continued)

Average earnings by age group of full-time employees whose pay for the survey pay-period was not affected by absence
Great Britain
New Earnings Survey April 1987

	Gross weekly earnings								Average hourly earnings excluding overtime pay ¹	Average weekly hours ¹	
	Average		As percentage of the median		Median	As percentage of the median		Per-centage earning under £75		Total	Normal basic
	Total	Overtime pay	Lowest decile	Lower quartile		Upper quartile	Highest decile				
	£	£			£			p			
Full-time non-manual females											
Under 18	79.5	2.0	66.4	81.6	75.1	122.8	152.3	49.4	210.9	37.4	36.8
18 to 20	101.6	2.4	73.6	86.5	96.9	118.3	142.6	13.1	269.6	37.4	36.8
21 to 24	132.2	3.3	70.0	83.1	124.8	122.3	146.2	2.7	349.6	37.4	36.8
25 to 29	165.8	4.3	65.1	79.9	155.4	122.5	153.2	1.1	439.6	37.2	36.4
30 to 39	177.6	3.4	59.6	75.0	166.2	127.4	156.3	1.3	477.0	36.5	35.9
40 to 49	169.5	2.4	63.0	77.4	153.7	137.0	163.4	1.4	451.4	36.4	35.9
50 to 59	168.7	1.9	63.3	78.6	150.7	139.4	168.9	2.4	449.3	36.3	35.9
60 to 64	160.2	2.0	58.9	81.3	140.9	133.6	179.1	6.4	414.1	36.6	36.2
18 and over	156.1	3.0	63.1	77.4	141.1	133.4	168.0	3.1	412.7	36.9	36.3
21 and over	162.7	3.1	64.0	78.4	148.2	131.4	163.1	1.8	431.4	36.8	36.2
All ages	154.4	3.0	62.4	77.1	139.5	134.0	169.1	4.1	407.9	36.9	36.3

1 The estimates given relate to employees for whom normal basic hours were reported and for whom total hours and hourly earnings could, therefore, be calculated.

Source Department of Employment

6.20

Trade unions^{1, 2}
United Kingdom
At end of year

	per cent										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of trade unions	473	481	462	453	438	414	408	394	375	370	335
Analysis by number of members:											
Under 100 members	14.6	15.4	15.6	16.1	15.8	17.1	19.1	17.8	17.6	16.8	18.8
100 and under 500	30.2	30.1	29.2	27.4	26.9	28.0	24.3	26.4	25.1	25.1	24.2
500 and under 1 000	9.9	9.4	10.4	10.4	10.3	9.9	11.8	10.7	10.1	10.0	8.9
1 000 and under 2 500	12.7	13.7	13.4	12.8	12.8	12.1	12.5	14.4	14.9	14.9	14.9
2 500 and under 5 000	9.5	8.5	8.0	9.5	8.9	8.9	9.3	7.9	8.8	7.3	6.6
5 000 and under 10 000	6.3	5.8	5.6	5.3	5.7	5.6	5.6	4.5	4.3	3.8	4.8
10 000 and under 15 000	1.7	2.1	1.9	1.5	1.6	1.0	0.7	0.5	0.8	1.1	1.5
15 000 and under 25 000	3.2	2.7	3.0	4.2	4.8	3.6	4.4	5.1	4.0	3.0	3.0
25 000 and under 50 000	3.6	3.7	4.1	3.3	4.3	4.1	3.7	3.8	5.1	6.2	7.5
50 000 and under 100 000	3.0	3.1	3.0	3.5	3.2	3.4	3.2	3.3	3.5	2.4	2.1
100 000 and under 250 000	3.0	3.1	3.2	3.5	3.4	3.4	2.7	3.0	3.5	3.8	4.5
250 000 and over	2.3	2.3	2.4	2.4	2.3	2.9	2.7	2.5	2.4	2.7	2.7
Membership unknown ³	—	—	—	—	—	—	—	—	—	3.2	0.9
All sizes	100	100	100	100	100	100	100	100	100	100	100
Membership ⁴ (Thousands)											
Total	12 386	12 846	13 112	13 289	12 947	12 106	11 593	11 236	10 994	10 821	10 539
Analysis by size of union:											
Under 100 members	—	—	—	—	—	—	—	—	—	—	—
100 and under 500	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
500 and under 1 000	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2
1 000 and under 2 500	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
2 500 and under 5 000	1.2	1.1	1.0	1.2	1.1	1.0	1.1	1.0	1.0	0.9	0.7
5 000 and under 10 000	1.6	1.4	1.3	1.2	1.3	1.3	1.3	1.0	1.0	0.8	1.0
10 000 and under 15 000	0.8	1.0	0.9	0.6	0.6	0.4	0.4	0.2	0.3	0.4	0.6
15 000 and under 25 000	2.4	2.0	2.0	2.7	3.0	2.9	3.1	3.6	2.7	1.9	1.8
25 000 and under 50 000	5.0	5.0	5.4	4.2	5.6	5.0	4.7	4.9	6.0	7.5	8.6
50 000 and under 100 000	8.0	7.9	7.2	7.6	7.9	7.9	8.4	8.6	8.9	6.1	5.2
100 000 and under 250 000	16.6	17.1	17.3	18.0	19.4	17.9	16.1	18.6	22.3	22.8	25.2
250 000 and over	62.9	63.1	63.6	63.4	59.9	62.2	63.7	60.9	56.5	58.4	55.6
All sizes	100	100	100	100	100	100	100	100	100	100	100

1 The statistics relate to all organisations of employees with head offices in the United Kingdom—including those of salaried and professional workers, as well as those of manual wage-earners—which are known to include among their functions that of negotiating with employers with the object of regulating the conditions of employment of their members.

2 Figures are confined to organisations which appear to satisfy the statutory definition of trade union in Section 28 of the Trade Union and Labour Relations Act 1974. This has had the effect of excluding 31 organisations which were previously regarded by the Department as trade unions e.g. organisations representing members of the police service which are specifically excluded from the statutory definition by Section 30 of the 1974 Act.

3 There were 3 unions in 1986 whose membership was not reported, two of which were newly formed in 1986.

4 The figures of membership include the membership of branches in the Irish Republic and overseas but wholly exclude the membership of unions whose headquarters are situated outside the United Kingdom. A small number of people who are members of more than one union are included more than once in the figures, but the effect on the aggregates is relatively insignificant.

Source Department of Employment

This section includes figures on Defence expenditure, on the size and role of the Armed Forces and on related support activities.

Much of the material in this section can be found in Volume 2 of the *Statement on the Defence Estimates 1988 (Defence Statistics)* (CM. 344—II) (HMSO 1988).

Formation of the Armed Forces (*Table 7.1*). This table shows the number of units which comprise the 'teeth' elements of the Armed Forces and excludes supporting units. Greater detail for the current year is given in Volume I of the *Statement on the Defence Estimates 1988* (CM. 344—I).

Service personnel (*Tables 7.3 to 7.6 and 7.10*). The Regular Forces consist entirely of volunteer members serving on a whole-time basis. The figures for females consist of all members of the Women's Services (i.e. WRNS, WRAC and WRAF) and female members of the Nursing Services. Certain male members of the RAF Medical Branch were transferred to the Princess Mary's RAF Nursing Service on 1 April 1980 and certain members of the RN Medical specialisation were transferred to the Queen Alexandra's Royal Naval Nursing Service on 1 April 1983 as a result of reorganisations. They continue to be shown in the male figures in Table 7.3 and are now included in the Nursing Services figures in Table 7.10. Certain professionally qualified female officers are not commissioned in the Women's Service, but in the appropriate branch or corps (i.e. medical, dental, legal, veterinary) and are not accounted for in the female figures. There were 219 such officers on 1 January 1988.

Locally Entered Personnel are recruited outside the United Kingdom for whole-time service in special formations with special conditions of service and normally restricted locations. The Brigade of Gurkhas is an example.

The Regular Forces are supported by Reserves and Auxiliary Forces. There are both regular and volunteer Reserves. Regular Reserves consist of former Service personnel with a Reserve liability. Volunteer Reserves are open to both former Service personnel and civilians. The call out liabilities of the various reserve forces differ in accordance with their roles.

All three Services run cadet forces for young people and the Combined Cadet Force, which is found in certain schools where education is continued to the age of 17 or above, may operate sections for any or all of the Services.

Deployment of Service personnel (*Table 7.6*). The source from which the individual national totals are compiled is different from that used to obtain the total United Kingdom strength and consequently the figures for England, Wales, Scotland and Northern Ireland do not add up to the United Kingdom figure. Royal Navy and Royal Marines personnel on board ship are included in the United Kingdom figure if the ship was in home waters on the situation date or otherwise against the appropriate overseas area. The overseas figures include personnel who are on loan to countries in the areas shown.

Service married accommodation and Defence land holdings (*Table 7.7*). Accommodation is provided for Service families in the United Kingdom and abroad, partly by building to approved standards and partly by renting accommodation. Permanent holdings in the United Kingdom include a small number of unfurnished hirings taken on from local authorities which are not recorded separately. Multiple hirings relate to accommodation built by private developers and leased by the Federal German Authorities and the Government of Gibraltar on behalf of British Forces.

The table also presents statistics of land and foreshore in the United Kingdom owned by the Ministry of Defence or over which it has limited rights under grants or licences. Land declared as surplus to Defence requirements is also included. At 1 April 1987 about 1 685 hectares were awaiting disposal by the Property Services Agency.

Civilian personnel (*Table 7.8*). This table gives an analysis of the number of civilians employed in the various management areas, viz Centre (those authorities not in the Service Departments, the Procurement Executive (PE) or the Royal Ordnance Factories (ROFs)), Royal Dockyards, Other Navy, Army, Royal Air Force (including the Meteorological Office), PE and ROFs. The attribution of civilian staff can change according to circumstances so that figures for successive years may not always be comparable.

Attention is drawn to the fact that the Royal Ordnance Factories changed from being part of MoD to independent Companies Act status on 2 January 1985. Staff employed at the factories are excluded from the MoD strengths from that date.

Some civilians from the United Kingdom serve tours of duty overseas. There were 5 418 such civilians serving abroad on 1 April 1988. Other civilian staff are engaged overseas to work locally as circumstances demand.

In addition Department of the Environment staff directly engaged on the Defence programme totalled 18 900 on 1 April 1988.

Health (*Tables 7.9 to 7.11*). The Services operate a number of hospitals in this country and in areas abroad where there is a significant British military presence. These hospitals take as patients members of all three Services and their dependants; in addition the hospitals in the United Kingdom take civilian patients under arrangements agreed with the National Health Service. Medical support is also supplied by Service medical staff at individual units, ships and stations.

Sickness, medical discharges and deaths of UK Service personnel (*Table 7.11*). It should be noted that, whereas the Royal Navy and Royal Air Force content is for all episodes of bedded sickness lasting two days or more terminating in the year, that for the Army covers only those cases admitted to medical units (including hospitals) for two days or more.

Search and rescue (*Table 7.12*). This table covers incidents in which Rescue Co-ordinating Centres (RCCs) in the United Kingdom co-ordinated search and rescue (SAR) action in which elements of the Armed Forces were involved. The table also includes urgent medical incidents in which the Forces SAR facilities gave assistance (e.g. inter-hospital transfers).

Defence services and the civilian community (*Table 7.13*). The Ministry of Defence helps the civil community in a variety of ways, for example by providing assistance in time of natural disasters or other emergencies and by undertaking community projects which are of training value to the Services. In some cases facilities established primarily for defence purposes also provide benefits to the general public. Overall figures are not available, but the table presents information on a number of these activities and facilities.

Service assistance may be provided during an industrial dispute at the request of the civil ministries in order to maintain services essential to the life of the community (e.g. maintenance of emergency fire services in 1977/78).

The Royal Navy Fishery Protection squadron operates within the United Kingdom fishery limits on behalf of Fishery departments, who pay some of the running costs of the squadron.

The Hydrographer of the Navy is the national authority responsible for hydrographic and oceanographic surveys and nautical charting. The Admiralty chart series comprises some 3 400 basic charts and 600 latticed versions covering the whole world.

Defence energy consumption (*Table 7.14*). Consumption is expressed in terms of the System International (SI) unit of energy, the joule. The table has been re-designed to distinguish between fuels used for operational purposes and non-operational purposes.

7.1

Formation of the Armed Forces
At 1 April

												Number
	Unit ¹	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Royal Navy²												
Submarines	Vessels	24	22	23	22	22	21	22	24	26	26	24
Carriers and assault ships	Vessels	4	3	4	3	3	4	4	4	4	3	3
Cruisers and destroyers	Vessels	12	11	10	12	11	13	13	46	47	46	42
Frigates	Vessels	43	42	39	36	38	42	39				
Mine counter-measure ³	Vessels	35	35	35	32	33	36	34	32	39	36	35
Patrol ships and craft	Vessels	19	19	23	22	21	25	31	28	32	28	32
Fixed wing aircraft	Squadrons	3	—	2	3	3	3	3	3	3	3	3
Helicopters	Squadrons	12	13	14	14	15	13	12	14	14	14	14
Royal Marines	Commandos	4	4	4	3	3	3	3	3	3	3	3
Army^{4, 5}												
Royal Armoured Corps	Regiments	19	19	19	19	19	19	19	19	19	19	19
Royal Artillery	Regiments	22	22	22	22	22	22	22	22	22	22	22
Royal Engineers ⁶	Regiments	10	9	10	11	11	12	12	13	13	13	13
Infantry ⁶	Battalions	55	56	56	56	57	56	56	56	56	55	55
Special Air Service	Regiments	1	1	1	1	1	1	1	1	1	1	1
Army Air Corps ⁷	Regiments	6	6	6	6	6	4	4	4	4	4	4
Royal Air Force⁴												
Strike/attack	Squadrons	14	14	15	15	12	10	11	11	11	11	11
Offensive support	Squadrons	5	5	5	5	5	5	5	5	5	5	5
Air defence	Squadrons	9	9	9	9	9	9	8	9	9	9	9
Maritime patrol	Squadrons	4	4	4	4	4	4	4	4	4	4	4
Reconnaissance	Squadrons	5	5	5	5	3	2	3	3	3	3	3
Airborne early warning	Squadrons	1	1	1	1	1	1	1	1	1	1	1
Transport ⁷	Squadrons	10	10	10	9	10	11	10	11	12	12	12
Tankers	Squadrons	2	2	2	2	2	3	3	3	4	3	3
Search and rescue	Squadrons	3	3	3	3	3	3	2	2	2	2	2
Surface to air missiles	Squadrons	7	7	8	8	8	8	8	8	8	8	8
Ground defence	Squadrons	5	6	6	6	6	6	5	5	5	5	5

- 1 The number of personnel and the amount of equipment in each vessel, regiment, etc, varies according to the role currently assigned.

2 Excludes vessels undergoing major refit, conversion, or on stand-by, etc.

3 In 1981 four ex-inshore minesweepers used for training are excluded.

4 Regular forces only.
- 5 Combat Arm major units only.

6 Includes Gurkhas.

7 Includes helicopters.

Source Ministry of Defence

7.2

Defence expenditure^{1, 2}

												£ million
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	
Total expenditure at												
outturn prices ³	6 158	6 787	7 455	9 178	11 182	12 607	14 412	15 487	17 122	17 943	18 163	
of which:												
Expenditure on personnel	2 864	3 021	3 293	3 912	4 556	5 058	5 455	5 726	5 983	6 379	6 890	
of the Armed Forces	1 465	1 519	1 639	2 099	2 460	2 728	2 914	3 076	3 236	3 510	3 787	
of the retired Armed Forces	316	361	432	459	503	624	680	777	828	899	980	
of civilian staff	1 083	1 141	1 222	1 354	1 593	1 706	1 861	1 873	1 919	1 970	2 123	
Expenditure on equipment	2 138	2 565	2 984	3 640	4 885	5 638	6 297	6 939	7 838	8 193	7 885	
Sea systems ⁴	590	672	878	1 110	1 513	1 624	1 730	1 849	2 228	2 499	2 494	
Land systems	486	612	601	740	904	1 101	1 353	1 475	1 638	1 887	1 759	
Air systems	844	1 010	1 214	1 427	2 059	2 458	2 640	3 057	3 474	3 296	3 090	
Other	218	271	291	363	410	456	574	558	498	511	542	
Other expenditure	1 156	1 201	1 178	1 625	1 741	1 910	2 659	2 822	3 302	3 370	3 387	
Works, buildings and land ⁵	463	462	405	599	623	664	832	1 067	1 271	1 413	1 498	
Miscellaneous stores and services	693	739	773	1 026	1 118	1 246	1 827	1 754	2 031	1 958	1 889	
Total expenditure at												
constant (1986/87) prices ³	16 083	15 707	15 596	16 070	16 616	16 853	17 878	18 126	18 841	18 814	18 163	

- 1 Expenditure as given in the annual Appropriation Accounts for the Defence Votes, Class I.

2 Including expenditure of government departments other than the Ministry of Defence in years when these contributed to the Defence budget.

3 Because of changes in the responsibilities of the Ministry of Defence, expenditures in successive years are not necessarily comparable.
- 4 Prior to 1976/77 the dockyard services element of the sea systems expenditure was included under other equipment.

5 Including pay of civilian staff employed in works and building.

Source Ministry of Defence

7.3

Defence manpower strengths
At 1 April¹

	Thousands										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
UK service personnel											
All services: total	320.7	315.0	320.6	333.8	327.6	320.6	325.9	326.2	322.5	319.8	316.8
Male	306.1	299.7	304.4	316.8	311.9	305.2	309.7	309.8	306.5	303.7	300.9
Female	14.6	15.3	16.2	16.9	15.7	15.4	16.2	16.4	16.0	16.2	15.9
Royal Navy: total	67.8	65.1	64.4	66.4	65.1	64.0	63.7	62.8	60.3	58.7	58.2
Male	63.8	61.2	60.5	62.3	61.1	60.1	59.8	59.1	56.8	55.3	54.3
Female	4.0	3.8	3.8	4.1	4.0	3.9	3.9	3.7	3.4	3.4	3.3
Royal Marines: total	7.5	7.4	7.6	7.9	7.9	7.8	7.6	7.6	7.6	7.8	7.8
Male	7.5	7.4	7.6	7.9	7.9	7.8	7.6	7.6	7.6	7.8	7.8
Army: total	160.8	156.2	159.0	166.0	163.2	159.1	161.5	162.4	161.4	159.7	158.1
Male	155.1	150.4	152.8	159.4	157.2	152.9	155.0	155.6	154.8	153.2	151.8
Female	5.7	5.8	6.3	6.6	6.0	6.1	6.6	6.8	6.6	6.5	6.3
Royal Air Force: total	84.6	86.3	89.6	93.5	91.5	89.8	93.1	93.4	93.2	93.6	93.3
Male	79.7	80.7	83.5	87.2	85.7	84.5	87.3	87.5	87.2	87.3	87.0
Female	4.9	5.6	6.1	6.3	5.8	5.4	5.7	6.0	6.0	6.3	6.3
Personnel Locally Entered overseas: total	8.4	8.4	8.2	9.7	10.1	10.1	10.1	10.2	10.1	9.8	9.4
Regular Reserves:¹ total	179.5	188.5	192.6	196.5	196.4	193.4	198.0	205.5	211.4	220.9	230.2
Royal Navy	26.3	28.4	27.0	26.8	24.8	23.9	23.5	23.3	24.2	24.5	24.7
Royal Marines	2.4	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4
Army	118.5	127.0	133.1	137.5	140.2	138.3	143.2	150.1	153.8	160.4	167.7
Royal Air Force	32.3	30.8	30.3	30.1	29.3	28.9	29.0	29.8	31.2	33.7	35.4
Volunteer Reserves and Auxiliary Forces: total¹	75.3	73.4	77.1	84.0	86.3	87.5	85.9	88.6	95.4	96.8	92.8
Royal Navy	5.5	5.4	5.1	5.4	5.4	5.4	5.2	5.2	5.5	5.7	5.6
Royal Marines	1.0	0.8	0.8	0.9	1.0	1.1	1.1	1.1	1.2	1.2	1.3
Territorial Army	60.6	59.4	63.3	69.5	72.1	72.8	71.4	73.7	77.7	78.5	74.7
Ulster Defence Regiment	7.9	7.6	7.4	7.5	7.1	7.1	6.8	6.4	6.6	6.5	6.4
Home Service Force	—	—	—	—	—	0.3	0.3	0.9	3.0	3.3	3.1
Royal Air Force	0.4	0.3	0.5	0.6	0.6	0.8	1.1	1.2	1.4	1.6	1.8
Cadet Forces:^{1, 2} total	142.2	140.0	147.8	150.6	148.7	149.0	146.5	144.7	143.4	145.7	144.6
Royal Navy	25.0	23.9	29.1	31.1	28.7	29.4	28.4	28.4	28.0	27.5	27.1
Army	73.4	72.6	74.6	75.1	74.1	74.5	73.8	72.1	70.9	71.2	69.3
Royal Air Force	43.8	43.5	44.1	44.4	45.9	45.1	44.3	44.1	44.5	47.0	48.3

1 A few of the figures for reserves and cadets were collected at irregular intervals and do not necessarily refer to 1 April; they are the latest figures available at that date.

2 Combined Cadet Force cadets are included under the relevant service.

Source Ministry of Defence

7.4

Recruitment of UK Service personnel to each Service

	Number										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
All Services: total	38 237	43 366	50 652	50 488	22 607	21 647	36 991	34 721	32 651	34 049	33 826
Male	34 188	38 774	46 206	46 693	21 188	19 342	33 760	32 076	30 407	31 147	31 215
Female	4 049	4 592	4 446	3 795	1 419	2 305	3 231	2 645	2 244	2 902	2 611
Royal Navy: total	7 167	6 791	8 526	9 088	3 805	3 584	4 785	4 582	4 276	5 336	5 181
Male	6 269	5 978	7 701	8 130	3 353	3 078	4 223	4 231	3 987	4 791	4 601
Female	898	813	825	958	452	506	562	351	289	545	580
Royal Marines: total	903	1 282	1 676	1 674	699	447	447	954	1 093	1 233	991
Male	903	1 282	1 676	1 674	699	447	447	954	1 093	1 233	991
Army: total	22 550	25 254	29 189	28 871	14 204	13 071	22 348	22 278	20 268	19 918	21 041
Male	20 868	23 528	27 164	27 241	13 603	11 679	20 811	20 914	19 173	18 718	19 895
Female	1 682	1 726	2 025	1 630	601	1 392	1 537	1 364	1 095	1 200	1 146
Royal Air Force: total	7 617	10 039	11 261	10 855	3 899	4 545	9 411	6 907	7 014	7 562	6 613
Male	6 148	7 986	9 665	9 648	3 533	4 138	8 279	5 977	6 154	6 405	5 728
Female	1 469	2 053	1 596	1 207	366	407	1 132	930	860	1 157	885

Source Ministry of Defence

7.5 Outflow of UK Service personnel from each Service

	Thousands										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
All Services: total	48 002	49 306	45 042	37 535	29 451	28 657	31 926	34 554	36 521	36 961	36 938
Male	44 096	45 369	41 465	34 438	26 799	26 108	29 468	32 095	33 881	34 194	34 054
Female	3 906	3 937	3 577	3 097	2 652	2 549	2 458	2 459	2 640	2 767	2 884
Royal Navy: total	7 921	9 803	9 155	7 341	5 708	4 617	5 095	5 572	6 915	6 919	6 224
Male	7 059	8 828	8 314	6 563	5 131	4 085	4 514	5 011	6 356	6 295	5 603
Female	862	975	841	778	577	532	581	561	559	624	621
Royal Marines: total	1 125	1 348	1 568	1 347	781	625	701	913	1 088	1 068	1 007
Male	1 125	1 348	1 568	1 347	781	625	701	913	1 088	1 068	1 007
Army: total	29 072	29 807	26 348	21 919	17 094	17 178	19 959	21 448	21 301	21 761	22 749
Male	27 343	28 162	24 753	20 627	15 878	15 960	18 854	20 286	19 999	20 473	21 393
Female	1 729	1 645	1 595	1 292	1 216	1 218	1 105	1 162	1 302	1 288	1 356
Royal Air Force: total	9 884	8 348	7 971	6 928	5 868	6 237	6 171	6 621	7 217	7 213	6 958
Male	8 569	7 031	6 830	5 901	5 009	5 438	5 399	5 885	6 438	6 358	6 051
Female	1 315	1 317	1 141	1 027	859	799	772	736	779	855	907

Source Ministry of Defence

7.6 Deployment of Service personnel

At 1 July

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
UK Service personnel, Regular Forces: total	327.1	318.2	314.1	323.4	334.3	324.3	321.7	325.9	325.8	321.7	318.7
In United Kingdom	241.9	230.2	232.2	238.1	245.0	215.2	228.8	230.4	229.6	228.3	228.1
England ¹	202.8	192.7	192.6	200.0	207.7	195.9	195.1	194.5	193.3	191.7	190.9
Wales ¹	6.4	6.3	6.3	6.9	6.3	6.1	6.1	6.2	6.3	6.3	6.1
Scotland ¹	19.1	19.3	19.0	18.1	18.9	19.0	18.7	20.6	20.1	19.7	19.6
Northern Ireland ²	14.7	14.4	13.6	11.9	11.6	10.9	10.2	10.0	9.7	10.5	11.4
Overseas	88.6	91.7	84.9	87.6	91.3	109.8	94.0	96.1	96.9	94.1	91.3
Federal Republic of Germany ³	67.1	65.7	64.6	65.3	70.4	69.8	67.0	66.7	67.3	66.7	66.8
Elsewhere in Continental Europe ⁴	6.8	5.9	5.7	5.7	6.1	6.2	6.1	7.2	7.7	6.3	6.9
Gibraltar	2.2	2.7	2.0	3.2	2.2	2.7	2.0	2.1	2.4	2.3	2.1
Malta	1.8	1.3	—	—	—	—	—	—	—	—	—
Cyprus	4.7	4.6	4.0	4.7	4.9	4.8	4.9	4.8	4.7	4.9	4.6
Elsewhere in Mediterranean, Near East and Gulf	0.5	0.4	0.4	0.4	1.4	1.1	0.3	1.2	2.3	0.4	1.1
Hong Kong	2.6	2.4	2.4	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.3
Singapore	—	—	—	—	—	—	—	—	—	—	—
Elsewhere in the Far East	0.3	0.3	1.8	1.7	0.3	0.3	0.7	0.6	0.4	0.3	0.3
Other locations ^{1, 5}	2.6	8.4	3.9	4.1	3.5	22.4	10.5	11.3	9.8	10.9	7.0
Locally entered service personnel: total	8.4	8.3	8.3	9.2	10.0	9.9	10.0	10.1	10.1	10.0	9.6
United Kingdom	0.7	0.7	0.7	0.9	1.3	0.6	1.2	1.2	1.2	1.3	1.2
Gibraltar	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Malta	0.5	0.4	—	—	—	—	—	—	—	—	—
Hong Kong	5.2	5.4	5.8	6.4	6.7	6.6	6.6	6.7	6.7	6.4	6.0
Brunei	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Nepal	1.2	1.0	1.0	1.1	1.2	1.3	1.4	1.3	1.3	1.4	1.5
Other locations ⁶	—	—	—	—	—	0.6	—	—	—	—	—

1 From 1982 the England, Wales and Scotland national figures include personnel who were UK based but temporarily deployed in the South Atlantic. These have been included also in the Overseas numbers against 'Other locations'.

2 The figures for Northern Ireland include all personnel from other parts of the United Kingdom and the British Army of the Rhine who are serving on emergency tours of duty, but exclude the Ulster Defence Regiment.

3 Army personnel serving in Northern Ireland on emergency tours of duty but remaining under the command of the Commander-in-Chief British Army of the Rhine are included in these figures.

4 These figures include personnel stationed in Berlin and Sardinia.

5 These figures include Defence Attaches/Advisers and their staffs.

6 The 1982 figures comprise Gurkha troops serving in the Falkland Islands.

Source Ministry of Defence

7.7 Service married accommodation and Defence land holdings

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Married accommodation¹	Thousand										
United Kingdom: total	97.9	95.4	92.7	88.7	87.5	87.0	85.9	85.3	84.3	82.5	81.0
Permanent holdings	96.7	94.7	92.4	88.3	87.2	86.6	85.7	85.0	84.0	82.4	80.9
Hirings	1.3	0.6	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.1	0.1
Overseas: total	47.4	46.7	46.5	46.4	46.0	46.0	46.0	47.6	50.3	50.6	47.1
Permanent holdings	21.5	21.2	21.1	21.4	21.4	21.4	21.4	21.5	21.6	21.5	21.1
Hirings ²	25.8	25.6	25.4	25.0	24.5	24.6	24.6	26.1	28.7	29.1	26.0
Land holdings³	Thousand hectares										
United Kingdom											
Land: freehold	222.1	221.1	220.2	220.1	217.8	215.9	215.0	211.1	210.9	210.3	211.1
leasehold	12.0	11.9	11.9	11.9	11.9	11.9	11.6	11.4	10.9	10.9	10.8
Foreshore: freehold	13.2	13.3	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.1	13.1
leasehold	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0
Rights ⁴	30.5	31.3	31.1	36.7	36.7	36.7	36.0	36.0	36.2	36.2	99.9
Defence land (freehold and leasehold) ⁵											
Used for agricultural purposes	111.6	112.6	113.8	111.9	109.1	109.7	110.0	109.1	107.6	105.5	..
Used for grazing only	60.1	61.2	60.2	59.8	58.8	58.8	58.8	58.6	58.1	57.6	..
Full agricultural use	51.5	51.4	53.6	52.0	50.3	50.9	51.2	50.5	49.5	47.9	..

1 From 1978 to 1985 at 15 January each year. Before that the different Services collated information at different times, usually between 1 December in the preceding year and 1 March. **Due to changes in reporting dates, figures from 1986 are taken as at 30 November of the previous year.**

2 Includes multiple hirings.

3 At 1 April each year.

4 The 1988 figure includes the renewal of two leases granting long term rights when in previous years these were on a short term basis and were not included.

5 The 1988 figures are not available.

Sources Crown Suppliers; Ministry of Defence

7.8 Defence civilian manpower strengths

At 1 April

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
	Thousands										
Ministry of Defence civilians:											
total ¹	290.4	285.9	276.2	264.9	251.7	242.7	232.5	206.5	201.7	196.1	175.1
UK based ²	250.4	247.7	239.8	229.6	216.9	208.9	199.1	174.1	169.5	164.0	143.3
Non-industrial	122.2	120.6	118.5	113.5	108.1	105.6	103.3	94.9	93.8	93.3	88.5
Industrial	128.1	127.0	121.2	116.1	108.8	103.3	95.8	79.1	75.6	70.7	54.8
<i>of which</i>											
Centre											
Non-industrial	21.8	20.9	20.2	19.0	18.3	14.5	14.1	13.8	13.5	13.3	13.3
Industrial	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.2
Royal Dockyards ³											
Non-industrialps	9.1	9.1	9.0	8.4	7.6	7.0	6.3	5.6	5.6	5.4	—
Industrial	25.3	25.0	24.2	23.6	22.4	20.7	18.0	16.7	15.7	14.5	—
Other Navy											
Non-industrial	13.9	13.8	14.0	13.7	13.1	14.5	14.3	14.6	14.5	15.4	16.4
Industrial	22.1	22.0	21.3	20.3	19.0	18.4	17.2	17.1	16.4	15.8	17.5
Army											
Non-industrial	26.9	26.7	25.7	24.7	23.9	24.2	23.6	22.9	23.0	22.7	22.6
Industrial	32.2	32.0	30.3	28.4	26.3	25.2	24.0	23.3	22.6	20.8	19.1
Air Force											
Non-industrial	14.5	14.4	14.1	14.0	13.4	13.5	13.4	13.2	12.9	12.7	12.7
Industrial	12.3	12.3	11.7	11.5	10.7	10.1	9.5	8.7	8.4	8.1	7.8
Procurement Executive											
Non-industrial	30.4	29.9	29.6	27.8	26.4	26.8	26.3	24.9	24.3	23.9	23.5
Industrial	18.4	17.9	17.4	16.8	15.9	14.9	14.0	12.8	12.0	11.0	10.2
Royal Ordnance Factories											
Non-industrial	5.7	5.9	5.9	5.8	5.4	5.1	5.2	.. ⁴	.. ⁴	.. ⁴	.. ⁴
Industrial	17.2	17.1	15.9	15.0	14.0	13.4	12.7	.. ⁴	.. ⁴	.. ⁴	.. ⁴
Locally engaged overseas	40.0	38.2	36.4	35.3	34.8	33.8	33.4	32.4	32.2	32.1	31.8
Non-industrial	11.5	11.2	11.0	10.9	10.7	10.5	10.4	10.2	10.3	10.3	10.2
Industrial	28.5	27.1	25.5	24.4	24.1	23.3	23.0	22.2	22.0	21.8	21.6

1 Two part-time employees are counted as one whole-time employee.

2 Including UK-based civilians serving overseas.

3 From 1985 these figures exclude Gibraltar but still include Portsmouth, which is now classified as a Fleet Maintenance Repair Organisation establishment.

Following the contractorisation of the Devonport and Rosyth Dockyards on 6 April 1987, staff employed in Naval Bases are now included in the 'Other Navy' figures.

4 See notes on page 131.

Source Ministry of Defence

7.9 Service hospitals

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Average number of beds¹											
United Kingdom	2 555	2 352	2 297	2 287	2 286	2 195	2 113	1 956	1 986	1 959	1 845
Overseas	1 422	1 351	1 243	1 231	1 269	1 252	1 261	1 218	1 184	1 117	1 029
Average percentage of beds occupied²											
United Kingdom	64.1	63.4	67.0	65.8	64.2	61.5	61.6	63.8	62.0	59.2	59.7
Overseas	58.9	56.4	58.5	60.8	58.2	56.6	55.1	54.3	50.6	48.6	47.9
In-patient admissions (thousands)											
United Kingdom:	73.2	68.3	72.3	76.0	75.9	71.3	69.9	71.6	75.1	72.1	71.9
Service personnel	30.5	28.4	27.4	28.2	28.6	27.0	26.9	26.9	27.9	26.3	25.9
Service dependants	15.8	14.5	14.4	14.6	14.4	14.1	12.8	12.7	12.6	11.4	10.8
NHS/Other	26.9	25.4	30.5	33.2	32.9	30.2	30.1	32.0	34.6	34.4	35.2
Overseas:	45.5	43.5	42.1	43.8	42.3	42.7	43.6	43.5	41.7	40.6	39.2
UK Service personnel	12.8	12.6	12.4	13.2	12.7	13.6	14.3	14.5	13.8	13.6	12.9
Service dependants	24.7	23.3	20.8	21.8	21.5	23.2	22.9	22.2	22.1	22.2	22.1
Others	8.0	7.6	8.9	8.8	8.1	5.9	6.3	6.8	5.9	4.9	4.2
Average number of admissions per bed²											
United Kingdom	28.7	29.1	31.5	33.2	33.1	32.5	33.1	36.6	37.8	36.8	39.0
Overseas	32.0	32.2	33.9	35.6	33.4	34.1	34.5	35.7	35.3	36.4	38.1
Average days in hospital per patient											
United Kingdom	8.2	8.0	7.8	7.2	7.1	6.9	6.8	6.4	6.0	5.9	5.6
Overseas	6.7	6.4	6.3	6.2	6.4	6.1	5.8	5.6	5.2	4.9	4.6
Outpatient attendances (thousands)³											
United Kingdom	..	..	366.3	377.5	401.4	399.7	369.4	381.6	373.7	373.8	355.2
Service personnel	..	..	115.4	118.4	133.0	134.3	118.0	123.1	119.3	117.2	113.1
Service dependants	..	..	71.0	69.3	67.9	65.1	58.5	54.3	48.7	46.2	40.8
NHS/Others	..	..	179.9	189.8	200.5	200.2	192.8	204.3	205.7	210.3	201.3
Overseas	..	..	235.9	223.1	229.0	232.1	241.1	235.7	229.6	212.9	202.8
UK Service personnel	..	..	62.5	60.5	65.5	68.7	73.4	68.0	64.4	59.6	56.5
Service dependants	..	..	101.6	96.5	111.8	111.5	116.2	108.2	102.9	96.5	94.0
Others	..	..	71.8	66.1	51.7	51.9	51.5	59.5	62.3	56.8	52.2

1 Up to 1980, these are the numbers of approved beds. From 1981 they are the numbers of available beds.

2 Based on the numbers of beds as defined above.

3 In addition 24 500 patients were seen at outlying clinics of the hospitals and some 9 800 day patients were treated in the UK and 3 800 overseas in 1987.

Source Ministry of Defence

7.10 Strength of uniformed medical staff¹

At 1 April

											Number
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Qualified doctors: total	1 243	1 181	1 176	1 185	1 180	1 165	1 171	1 199	1 210	1 212	1 213
Royal Navy	286	282	272	290	295	285	289	283	291	289	283
Army	544	504	496	507	493	507	515	539	549	560	570
Royal Air Force	413	395	408	388	392	373	367	377	370	363	360
Qualified dentists: total	371	366	376	380	399	406	399	400	389	399	396
Royal Navy	90	91	95	98	101	101	92	92	80	81	80
Army	171	172	173	173	182	197	197	198	197	200	201
Royal Air Force	110	103	108	109	116	108	110	110	112	118	115
Support staff: ²total	8 589	8 493	8 492	8 667	8 784	8 856	8 917	8 839	8 389	8 205	8 133
Royal Navy	1 824	1 863	1 839	1 818	1 913	1 863	1 747	1 648	1 473	1 329	1 315
Army	4 571	4 420	4 295	4 549	4 688	4 859	5 089	5 121	4 912	4 856	4 716
Royal Air Force	2 194	2 210	2 358	2 300	2 183	2 134	2 081	2 070	2 004	2 020	2 102

1 Includes staff employed at units (including ships) and in hospitals.

2 Includes all members of the Nursing Services /Nursing corps.

Source Ministry of Defence

7.11

Sickness, medical discharges and deaths of United Kingdom Service personnel¹

	ICD codes ²	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ³
Average strength: (Thousands)												
Male		327.1	318.5	316.2	325.2	333.8	325.0	322.4	326.3	325.5	322.2	319.1
Female		312.6	303.7	300.7	308.7	317.1	309.5	306.6	309.8	309.0	305.8	302.8
		14.5	14.8	15.5	16.5	16.7	15.5	15.8	16.5	16.5	16.4	16.3
Number of episodes of sickness⁴												
All causes	001–999	55 944	58 199	54 763	55 453	53 746	52 535	51 798	52 821	50 208	47 489	44 657
Male	and	51 292	53 101	49 749	50 362	49 013	48 232	47 540	48 275	45 830	43 508	40 947
Female	V01–V82	4 652	5 098	5 014	5 091	4 733	4 303	4 258	4 546	4 378	3 981	3 710
All diseases	001–799	42 123	45 516	42 569	42 807	41 114	39 524	40 114	41 868	39 448	37 380	35 459
Infective and parasitic diseases	001–139	4 755	5 273	4 038	3 806	3 252	2 963	3 245	3 360	3 148	3 127	3 039
Neoplasms	140–239	672	608	559	506	557	607	656	735	739	653	578
Endocrine, nutritional and metabolic	240–279	475	397	367	391	469	407	393	351	288	241	231
Diseases of blood and blood forming organs	280–289	115	114	114	118	76	90	89	88	70	72	62
Mental disorders	290–319	1 464	1 276	1 384	1 467	1 313	1 109	1 165	1 025	1 081	1 033	984
Diseases of the nervous system and sense organs	320–389	1 252	1 237	1 243	1 230	1 177	1 117	1 126	1 059	965	1 019	974
Diseases of the circulatory system	390–459	1 828	1 770	1 671	1 673	1 439	1 510	1 655	1 606	1 467	1 393	1 274
Diseases of the respiratory system	460–519	11 273	14 862	12 133	11 762	10 094	9 624	9 003	10 159	9 166	7 849	7 452
Diseases of the digestive system	520–579	6 558	6 221	7 451	7 982	8 208	7 840	7 709	7 651	7 278	7 214	6 780
Diseases of the genito-urinary system	580–629	2 006	1 979	2 249	2 247	2 371	2 401	2 493	2 474	2 287	2 254	2 250
Complications of pregnancy, childbirth and the puerperium	630–676	143	162	180	217	270	207	152	149	174	151	146
Diseases of skin and subcutaneous tissue	680–709	2 340	2 256	2 138	2 254	2 255	2 146	2 059	1 948	1 854	1 733	1 577
Diseases of the musculoskeletal system and connective tissue	710–739	5 509	5 561	5 971	6 130	6 763	6 974	7 682	8 381	8 251	8 038	7 829
Congenital anomalies	740–759	310	342	304	320	369	266	285	272	224	199	206
Symptoms and ill-defined conditions	780–799	3 423	3 458	2 767	2 704	2 501	2 263	2 402	2 610	2 456	2 404	2 077
All injuries ⁵	800–999	11 112	9 979	9 845	10 410	10 357	10 725	9 585	9 049	8 855	8 619	7 855
Aircraft accident injuries		144	142	158	123	132	121	139	91	120	98	93
Training and exercise injuries		491	491	693	972	1 148	934	1 283	1 257	1 346	1 213	1 124
Road traffic accident injuries		1 775	1 601	1 595	1 799	1 813	1 702	1 340	1 141	1 114	941	873
Sports injuries		..	1 692	1 673	1 951	1 965	1 800	1 746	1 693	1 617	1 717	1 500
Accidents due to falls or jumps		..	1 717	1 777	1 762	1 626	1 734	1 745	1 710	1 741	1 570	1 458
Other injuries		8 702	4 336	3 949	3 803	3 673	4 434	3 332	3 157	2 917	3 080	2 807
Supplementary classifications ⁶	V01–V82	2 709	2 704	2 349	2 236	2 275	2 286	2 099	1 904	1 905	1 490	1 343
Number of medical discharges												
All causes	001–999	1 691	1 651	1 388	1 010	882	800	794	1 071	1 392	1 342	1 109
Male		1 630	1 594	1 336	962	836	772	761	1 025	1 359	1 290	1 048
Female		61	57	52	48	46	28	33	46	33	52	61
All diseases	001–799	1 411	1 377	1 188	842	738	677	628	840	1 049	1 045	909
Mental disorders	290–319	345	193	182	163	125	107	114	106	122	102	93
Diseases of the nervous system and sense organs	320–389	264	277	273	196	178	152	160	177	169	147	140
Diseases of the musculoskeletal system	710–739	345	414	348	218	195	222	164	313	472	533	492
Other diseases	001–799 nes	457	493	385	265	240	196	190	244	286	263	184
All injuries	800–999	280	274	200	168	144	123	166	231	343	297	200
Number of deaths												
All causes	001–999	412	393	384	365	368	596	349	332	314	295	296
Male		404	387	378	362	362	592	345	325	309	292	294
Female		8	6	6	3	6	4	4	7	5	3	2
All diseases	001–799	165	125	133	118	137	119	129	120	112	118	105
Neoplasms	140–239	62	43	51	44	54	48	49	54	62	52	47
Heart and cerebrovascular diseases	390–438	75	57	59	56	65	56	63	56	44	55	51
Other diseases	001–799 nes	28	25	23	18	18	15	17	10	6	11	7
All injuries	800–999	247	268	251	247	231	477	220	212	202	177	191
Road traffic accident injuries		142	135	133	141	130	115	115	113	113	78	100
Other injuries		105	133	118	106	101	362	105	99	89	99	91

1 Regular Service personnel only. Includes all deaths whether occurring on or off duty.

2 Code numbers refer to the Ninth Revision (1975) of the *International Statistical Classification of Diseases, Injuries and Causes of Death*. Prior to 1979 the Eighth Edition was used and this may mean that some groups of diseases are not exactly comparable, the changes however are small.

3 Figures for the latest year are provisional.

4 Based upon spells of bedded sickness lasting two days or more terminating during the year except for the Army, where the coverage is for admissions to medical units for two days or more.

5 Where an injury could be classified under more than one cause it is shown under the first listed cause. Figures by cause for 1980 onwards are not directly comparable with those for previous years because of changes to improve the method of classification.

6 Used where no classifiable diagnosis is reported or where the person is not sick, e.g. admissions for investigation, preventive measures or elective surgery.

Source Ministry of Defence

7.12 Search and rescue operations at home

											Number
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Incidents: total	1 206	1 373	1 268	1 070	1 097	1 111	1 146	1 145	1 129	1 188	1 361
Call outs ¹											
of helicopters ²	1 206	1 317	1 309	1 090	1 168	1 164	1 224	1 211	1 215	1 251	1 475
of other aircraft	67	113	98	68	58	59	73	56	62	74	80
of marine craft ³	7	11	2	9	6	8	7	8	1	—	—
of mountain rescue teams ³	47	60	55	45	43	58	46	56	33	73	78
Persons rescued ⁴ : total	713	1 030	986	859	859	898	969	1 061	883	811	926
by helicopters	692	945	974	837	840	834	948	1 028	869	797	909
by marine craft ³	3	6	—	1	—	1	3	2	—	—	—
by mountain rescue teams ³	18	79	12	21	19	63	18	31	14	14	17

1 More than one element of the search and rescue services may be called out to a reported incident.

2 Prior to 1977 these figures are estimated numbers of journeys based on the reported flying hours and the average flight length.

3 Royal Air Force only.

4 Figures for persons rescued relate only to number of persons who were actually removed (alive) from a hazard or who were assisted in an urgent medical incident.

Source Ministry of Defence

7.13 Defence services and the civilian community

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Military aid to civil ministries during industrial disputes (Manweeks of Service personnel deployed) ¹	180 000	1 550	—	17 000	3	305	—	—	—	389	256
Fishery protection Vessels boarded ²	1 702	1 637	1 563	1 508	1 548	1 869	2 102	1 858	1 687	1 458	1 488
Hydrographic services											
New charts produced	203	207	236	226	143	163	226	198	152	118	144
New editions of charts	250	289	353	254	300	372	277	280	266	274	293
Charts printed (millions)	4.3	3.5	3.5	3.5	3.6	3.5	2.8	3.2	2.8	2.5	2.5

1 Data relates to financial years (1 April–31 March) commencing in the year shown.

2 Boardings by RN Fishery Protection Squadron only.

Sources Ministry of Defence; Ministry of Agriculture, Fisheries and Food

7.14 Defence energy consumption

	Petajoules ¹									
	1978/9	1979/80	1980/1	1981/2	1982/3	1983/4	1984/5	1985/6	1986/7	1987/88 ⁶
All fuels	155.8	149.2	135.8	136.5	154.2	150.9	139.3	131.1	137.2	134.3
Royal Navy ²	46.4	44.7	39.8	40.8	54.6	52.2	45.1	40.3	43.6	41.1
Army	29.4	27.1	24.9	24.4	23.6	24.3	24.9	24.8	24.0	22.5
Royal Air Force	64.0	62.9	57.8	56.9	63.0	60.5	59.8	59.0	63.7	65.0
Procurement Executive	9.2	8.3	7.7	7.7	7.2	7.4	5.9	7.0	5.9	5.7
Royal Ordnance Factories ³	6.8	6.2	5.8	6.7	5.8	6.5	3.7	—	—	—
Operational fuels	93.2	92.2	81.6	81.7	102.2	98.1	92.4	86.1	93.6	94.4
Aviation fuels	51.8	51.4	47.1	46.7	54.0	51.3	50.4	49.8	54.4	60.0
Diesel	25.5	26.1	22.2	22.9	36.7	35.9	31.8	27.8	30.1	25.5
Petroleum	4.3	4.0	3.6	3.6	3.8	3.7	3.9	3.7	3.7	3.7
Other liquid fuels	11.6	10.7	8.7	8.5	7.7	7.2	6.3	4.8	5.4	5.2
Non-Operational fuels ⁴	62.7	57.0	54.2	54.8	52.0	52.7	47.1	44.9	43.6	39.9
Furnace fuel oil ⁵	37.7	33.1	30.8	31.1	28.4	27.1	23.9	22.2	19.4	17.0
Other liquid fuels	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
Electricity	9.1	8.6	8.6	8.7	8.6	9.2	8.6	8.7	9.1	9.0
Gas	8.5	8.5	8.6	8.4	8.8	9.9	9.5	9.7	11.1	10.0
Solid fuel	6.5	5.9	5.4	5.8	5.4	5.7	4.2	3.4	3.1	3.0

1 Petajoules = 10¹⁵ joules.

2 Royal Navy figures include the Royal Dockyards.

3 Up to January 1985 when the ROFs became a Companies Act company.

4 Non-operational energy is that energy used for domestic purposes, space heating, lighting and the operation of plant and machinery; it does not include energy used for the propulsion of vehicles, weapons, aircraft or ships.

5 Other than that used by the Fleet.

6 Provisional.

Source Ministry of Defence

8 Production

Censuses of Production (Table 8.1)

The Census of Production provides summary information about the structure of industry in the United Kingdom. The results meet a wide range of needs for government, economic analysts and the business community at large. In official statistics the censuses are an important source for the national accounts and input-output tables, but they also provide weights for use in compiling the indexes of production and producer prices. Census results also enable the United Kingdom to meet the statistical requirements of the European Community.

In 1970 the earlier series of quinquennial censuses was replaced by a new system of production statistics. This took the form of a simplified annual census supplemented by a quarterly inquiry into manufacturing sales and an occasional purchases inquiry. During its early years the annual census covered in general all establishments with 25 or more

employees, but this was reduced to 20 employees for the 1973 and subsequent censuses. For the 1978 and 1979 Censuses in 68 selected manufacturing industries, coverage of establishments in the 20 to 49 employment size band were reduced to a 1 in 2 sample. A still wider use of sampling was applied for most industries in the 1980 to 1983 censuses, with a 1 in 4 selection in the 20 to 49 employment size band and a 1 in 2 selection for the 50 to 99 employment size band. Sampling for the benchmark census of 1984 followed the same pattern as 1979 i.e. a 1 in 2 sample for establishments in the 20 to 49 employment size band and the latest census for 1985 follows the 1980–83 pattern. For industries with fewer records in the sample size bands, all establishments employing 20 or more receive a form.

Currently census results are published in the Business Monitor series and appear as 110 individual industry reports and a summary volume.

8.1 Censuses of production: summary table

Standard Industrial Classification Revised 1980

Estimates for all firms								
	Gross output (production) ¹	Gross value added	Stocks and work in progress		Capital expenditure less disposals	Wages and salaries	Average number of persons employed ²	Gross value added per person employed
			At end of year	Change during year				
			£ million				Thousands	£
Production and construction								
Divisions 1–5 ³								
1981	225 386	79 819	..	..	9 720	47 205	7 603	10 498
1982	241 903	84 613	..	..	10 491	48 876	7 129	11 869
1983	259 915	89 901	..	..	10 621	50 694	6 845	13 134
1984	284 381	91 906	..	..	12 453	52 140	6 786	13 544
1985	307 987	101 415	..	..	13 383	56 787	6 591	15 386
1986	311 772	107 141	..	–224	13 388	59 705	6 468	16 565
Production industries (Revised definition)								
Divisions 1–4 ³								
1981	199 419	70 312	42 802	1 768	9 201	39 025	6 406	10 975
1982	212 640	74 329	43 192	936	9 876	40 154	5 971	12 449
1983	227 083	78 727	44 736	2 077	9 955	41 134	5 654	13 924
1984	248 376	79 892	47 481	3 116	11 863	42 723	5 604	14 254
1985	268 824	89 322	48 017	1 010	12 796	46 494	5 466	16 341
1986	268 313	93 958	47 028	–225	12 751	48 854	5 346	17 576
Manufacturing (Revised definition)								
Divisions 2–4								
1981	165 471	57 935	37 501	1 260	5 493	34 191	5 778	10 027
1982	175 657	60 799	37 521	229	5 514	35 050	5 360	11 342
1983	189 200	65 753	39 219	2 255	6 061	36 008	5 078	12 947
1984	209 656	71 092	42 069	3 203	7 589	38 516	5 059	14 052
1985	226 636	76 499	43 188	1 523	8 742	41 256	4 976	15 375
1986	232 499	80 955	42 979	–515	8 705	43 426	4 878	16 595
Energy and water supply industries								
Division 1 ^{3,4}								
1981	33 948	12 376	5 301	508	3 708	4 834	629	19 688
1982	36 983	13 530	5 671	706	4 362	5 103	610	22 178
1983	37 883	12 974	5 517	–178	3 894	5 126	575	22 552
1984	38 719	8 800	5 412	–87	4 274	4 207	545	16 134
1985	42 188	12 823	4 830	–513	4 054	5 238	490	26 142
1986	35 814	13 003	4 049	–740	4 045	5 428	468	27 799

See footnotes on page 142.

Source Business Statistics Office

8.1

(continued)

Censuses of production: summary table

Standard Industrial Classification Revised 1980

Estimates for all firms								
	Gross output (production) ¹	Gross value added	Stocks and work in progress		Capital expenditure less disposals	Wages and salaries	Average number of persons employed ²	Gross value added per person employed
			At end of year	Change during year				
			£ million				Thousands	£
Coal extraction, coke ovens and manufacture of solid fuels								
Classes 11 and 12								
1981	4 748	3 326	984	95	699	1 964	274	12 159
1982	4 958	3 398	1 012	25	730	2 018	262	12 988
1983	4 471	3 012	920	-86	611	1 902	241	12 498
1984	1 662	863	858	-54	339	925	222	3 892
1985	4 349	2 696	584	-277	559	1 816	176	15 280
1986	4 007	2 513	546	8	507	1 828	160	15 691
Extraction of mineral oil and natural gas								
Class 13 ⁵								
1981	13 495	11 904	..	-58	2 885	240	20	597 430
1982	16 012	13 900	..	135	3 016	283	22	514 811
1983	18 603	16 268	..	-68	2 865	345	24	580 986
1984	22 578	19 580	..	-15	3 149	407	33	631 626
1985	22 383	18 998	..	104	2 817	468	31	609 603
1986	11 861	9 000	..	-89	2 574	..	28	321 443
Mineral oil processing								
Class 14								
1981	12 874	1 772	1 985	87	412	204	23	75 584
1982	13 850	1 401	1 771	-250	239	206	21	67 248
1983	14 318	1 548	1 672	-128	199	212	19	79 989
1984	16 720	1 252	1 833	171	189	212	18	71 680
1985	15 721	1 312	1 577	-182	264	215	16	83 229
1986	9 080	1 337	994	-541	301	199	14	93 139
Other energy and water supply								
Classes 15 to 17 ⁴								
1981	16 326	7 279	2 332	325	2 597	2 666	332	21 947
1982	18 176	8 732	2 888	931	3 393	2 880	328	26 649
1983	19 094	8 415	2 925	36	3 084	3 012	315	26 722
1984	20 337	6 684	2 720	-205	3 746	3 070	306	21 828
1985	22 117	8 814	2 668	-54	3 231	3 206	298	29 550
1986	22 727	9 153	2 509	-208	3 147	3 401	293	31 215
Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals								
Division 2								
1981	34 920	10 565	6 508	133	1 459	5 637	823	12 831
1982	36 348	10 838	6 294	-169	1 396	5 679	757	14 325
1983	40 455	12 757	6 576	404	1 544	5 716	700	18 220
1984	44 579	13 927	7 025	610	1 744	5 931	682	20 430
1985	48 088	14 778	7 274	258	2 201	6 331	668	22 117
1986	46 618	15 700	7 068	-216	2 249	6 669	655	23 961
Extraction and preparation of metalliferous ores								
Class 21								
1981	21	12	3	-1	1	9	1	8 866
1982	24	14	9	-2	1	10	1	11 619
1983	25	15	2	-	2	10	1	12 365
1984	42	25	3	-	3	15	1	17 797
1985	37	18	7	4	4	16	2	12 193
1986	25	4	6	-	6	12	1	4 486
Metal manufacturing								
Class 22								
1981	9 751	2 167	2 214	-2	292	1 655	238	9 086
1982	9 505	1 950	1 924	-289	226	1 547	207	9 437
1983	10 281	2 532	2 006	179	256	1 460	178	14 259
1984	11 172	2 589	2 040	198	295	1 448	163	15 888
1985	12 066	2 810	2 055	-6	358	1 564	162	17 386
1986	11 134	2 956	2 008	-25	417	1 593	153	19 278
Extraction of minerals nes								
Class 23								
1981	799	422	65	-	41	139	21	19 824
1982	923	486	71	1	52	149	21	23 655
1983	731	403	49	-1	48	102	13	30 523
1984	629	334	38	4	36	93	11	29 840
1985	660	352	45	6	43	92	10	34 596
1986	659	343	41	-3	30	98	10	34 758
Manufacture of non-metallic mineral products								
Class 24								
1981	6 235	2 623	1 031	27	268	1 364	227	11 557
1982	6 886	2 814	1 038	9	286	1 419	211	13 334
1983	7 719	3 176	1 020	-36	365	1 524	208	15 229
1984	8 156	3 414	1 112	94	484	1 594	206	16 558
1985	8 587	3 517	1 178	98	524	1 693	203	17 324
1986	9 021	3 848	1 170	-13	431	1 780	200	19 274
Chemical industry								
Class 25								
1981	17 473	5 196	3 077	99	837	2 330	318	16 321
1982	18 397	5 456	3 154	134	814	2 433	303	17 997
1983	20 960	6 454	3 396	257	853	2 499	288	22 440
1984	23 764	7 354	3 717	305	906	2 664	288	25 491
1985	25 860	7 842	3 881	164	1 237	2 847	281	27 918
1986	24 889	8 221	3 738	-171	1 318	3 061	281	29 298

See footnotes on page 142.

Source Business Statistics Office

8.1 Censuses of production: summary table

(continued)

Standard Industrial Classification Revised 1980

Estimates for all firms								
	Gross output (production) ¹	Gross value added	Stocks and work in progress		Capital expenditure less disposals	Wages and salaries	Average number of persons employed ²	Gross value added per person employed
			At end of year	Change during year				
			£ million				Thousands	£
Production of man-made fibres								
Class 26								
1981	642	146	117	10	20	140	17	8 566
1982	613	118	99	-21	17	122	14	8 421
1983	739	178	103	4	19	122	12	14 558
1984	816	211	114	10	20	115	12	18 388
1985	869	239	109	-8	36	119	11	21 781
1986	889	329	105	-4	47	125	11	30 454
Metal goods, engineering and vehicles industries								
Division 3								
1981	61 341	25 377	20 452	913	2 149	16 465	2 680	9 467
1982	65 802	26 968	20 542	131	2 091	16 831	2 468	10 927
1983	69 646	28 209	21 529	1 163	2 225	17 027	2 314	12 190
1984	76 582	30 359	22 898	1 570	2 919	18 082	2 261	13 429
1985	84 839	32 756	23 668	944	3 291	19 406	2 216	14 783
1986	87 583	34 104	23 855	879	3 183	20 242	2 156	15 821
Manufacture of metal goods nes								
Class 31								
1981	7 826	3 205	1 459	-69	220	2 138	400	8 020
1982	8 507	3 498	1 451	-12	209	2 214	372	9 409
1983	8 808	3 562	1 462	69	222	2 221	344	10 366
1984	9 726	3 821	1 577	131	320	2 388	338	11 294
1985	10 123	4 034	1 565	36	332	2 455	324	12 463
1986	10 611	4 298	1 581	27	350	2 610	322	13 339
Mechanical engineering								
Class 32								
1981	18 601	8 143	5 969	-10	556	5 108	808	10 079
1982	19 668	8 340	6 025	69	559	5 192	732	11 385
1983	19 859	8 427	6 112	92	511	5 164	676	12 464
1984	21 132	8 823	6 316	523	637	5 338	647	13 642
1985	23 568	9 534	6 611	348	785	5 799	642	14 856
1986	23 541	9 651	5 886	-62	711	5 958	615	15 681
Electrical and electronic engineering and manufacture of office machinery and data processing equipment								
Classes 33 and 34								
1981	14 741	6 495	4 112	78	541	3 802	634	10 238
1982	16 304	7 256	4 213	157	562	3 943	593	12 241
1983	18 362	7 829	4 696	401	678	4 191	586	13 362
1984	20 050	9 080	5 451	578	969	4 729	604	15 037
1985	24 303	9 630	5 554	174	1 082	5 127	597	16 125
1986	24 729	9 914	5 676	135	950	5 389	590	16 795
Manufacture of motor vehicles and parts thereof								
Class 35								
1981	10 164	3 207	2 268	-110	474	2 397	369	8 680
1982	10 657	3 211	2 245	-58	468	2 318	325	9 867
1983	12 050	3 580	2 549	300	498	2 353	302	11 839
1984	12 641	3 807	2 584	66	596	2 467	288	13 218
1985	14 282	4 273	2 718	162	659	2 634	277	15 441
1986	15 140	4 657	2 907	173	677	2 688	261	17 844
Manufacture of other transport equipment								
Class 36								
1981	8 262	3 555	6 092	1 014	311	2 509	377	9 431
1982	8 556	3 722	5 998	-64	235	2 597	356	10 462
1983	8 565	3 884	6 104	267	246	2 538	325	11 965
1984	8 849	3 819	6 332	208	305	2 574	304	12 562
1985	10 048	4 124	6 487	158	324	2 720	293	14 062
1986	10 889	4 401	7 055	599	387	2 871	284	15 485
Instrument engineering								
Class 37								
1981	1 746	772	551	9	48	511	92	8 384
1982	2 110	942	610	39	59	568	90	10 496
1983	2 002	928	606	35	70	561	81	11 441
1984	2 183	1 009	638	65	92	586	80	12 652
1985	2 516	1 160	733	67	109	671	83	13 964
1986	2 674	1 183	750	7	109	726	82	14 350
Other manufacturing industries								
Division 4								
1981	69 210	21 993	10 541	215	1 885	12 090	2 274	9 671
1982	73 507	22 994	10 684	268	2 027	12 539	2 136	10 765
1983	79 099	24 786	11 114	688	2 293	13 265	2 064	12 008
1984	88 496	26 806	12 146	1 022	2 926	14 503	2 117	12 663
1985	93 709	28 965	12 246	321	3 250	15 518	2 092	13 848
1986	98 298	31 151	12 056	747	3 273	16 513	2 067	15 067

See footnotes on page 142.

Source Business Statistics Office

8.1

Censuses of production: summary table
Standard Industrial Classification Revised 1980

(continued)

Estimates for all firms								
	Gross output (production) ¹	Gross value added	Stocks and work in progress		Capital expenditure less disposals	Wages and salaries	Average number of persons employed ²	Gross value added per person employed
			At end of year	Change during year				
			£ million				Thousands	£
Food, drink and tobacco manufacturing industries								
Classes 41/42								
1981	34 843	8 424	4 502	150	881	3 624	657	12 825
1982	37 425	8 958	4 677	223	1 015	3 786	626	14 299
1983	40 085	9 493	4 885	264	1 075	3 968	603	15 742
1984	44 205	9 673	5 234	245	1 255	4 264	613	15 785
1985	45 336	10 175	5 084	28	1 340	4 455	591	17 207
1986	47 023	10 801	4 808	-384	1 275	4 735	582	18 572
Textile industry								
Class 43								
1981	4 918	1 794	1 021	-3	113	1 157	267	6 711
1982	5 068	1 812	1 014	-	128	1 170	248	7 313
1983	5 439	1 978	1 046	80	140	1 210	235	8 421
1984	6 140	2 169	1 189	134	191	1 316	236	9 177
1985	6 648	2 342	1 238	94	228	1 392	230	10 186
1986	6 788	2 503	1 207	-4	265	1 504	229	10 929
Footwear and clothing industries and manufacture of leather and leather goods								
Classes 44 and 45								
1981	5 070	2 050	1 088	23	83	1 328	360	5 692
1982	5 207	2 040	1 059	7	92	1 334	328	6 209
1983	5 501	2 200	1 089	69	116	1 386	320	6 883
1984	6 223	2 497	1 205	136	148	1 534	333	7 493
1985	6 940	2 759	1 340	116	168	1 675	341	8 058
1986	7 143	2 864	1 342	45	174	1 798	341	8 399
Timber and wooden furniture industries								
Class 46								
1981	5 190	1 761	971	-35	108	1 159	216	8 149
1982	5 598	1 848	966	11	114	1 207	206	8 953
1983	6 330	2 100	1 068	145	162	1 299	202	10 394
1984	6 294	2 025	1 054	69	196	1 298	193	10 514
1985	6 761	2 240	1 094	19	208	1 417	194	11 544
1986	7 112	2 393	1 119	51	197	1 513	193	12 428
Manufacture of paper and paper products; printing and publishing								
Class 47								
1981	12 422	5 384	1 673	89	462	3 257	484	11 133
1982	13 307	5 654	1 644	-11	424	3 438	458	12 338
1983	14 096	6 074	1 692	98	496	3 700	447	13 598
1984	16 353	6 974	1 956	282	701	4 112	458	15 233
1985	18 174	7 659	1 964	18	845	4 461	455	16 832
1986	19 396	8 364	1 982	91	870	4 653	439	19 065
Processing of rubber and plastics								
Class 48								
1981	5 379	2 093	863	-	201	1 250	221	9 467
1982	5 562	2 177	873	24	204	1 286	205	10 618
1983	6 183	2 417	903	24	267	1 393	200	12 063
1984	7 054	2 617	1 008	106	365	1 515	203	12 867
1985	7 535	2 894	1 042	41	388	1 617	200	14 492
1986	8 379	3 274	1 125	44	419	1 777	204	16 084
Other manufacturing industries								
Class 49								
1981	1 388	487	424	-10	36	315	69	7 063
1982	1 340	505	452	13	49	319	64	7 949
1983	1 465	524	430	8	36	310	58	9 122
1984	2 228	850	500	51	70	465	81	10 545
1985	2 315	895	485	4	73	500	80	11 165
1986	2 458	952	475	11	73	534	81	11 714
Construction								
Division 5								
1981	25 966	9 507	..	..	519	8 180	1 196	7 946
1982	29 264	10 284	..	..	615	8 723	1 158	8 879
1983	32 831	11 174	..	..	666	9 561	1 191	9 384
1984	36 005	12 014	..	..	590	9 106	1 181	10 171
1985	39 164	12 094	..	..	587	10 293	1 125	10 749
1986	43 459	13 183	..	..	637	10 851	1 122	11 751

1 Figures for gross output include a substantial amount of duplication represented by the total value of partly manufactured goods sold by one industrial establishment to another. The extent of duplication varies from one census industry to another.

2 The figures include working proprietors but exclude outworkers.

3 Figures for mineral oil and natural gas not included.

4 Figures for stocks and work in progress exclude water undertakings and work in progress in the gas industry.

5 Figures for stocks and work in progress exclude goods on hand for sale.

Source Business Statistics Office

8.2 Total inland energy consumption

Heat supplied basis

Million therms¹

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Inland energy consumption of primary fuels and equivalents	83 680	84 023	87 766	81 109	78 740	77 315	77 673	77 352	81 050	84 775	86 853
Coal ²	29 878	29 107	31 288	29 084	28 926	26 978	27 229	19 348	25 734	27 790	28 472
Petroleum ³	34 350	35 073	35 016	30 710	28 117	28 189	27 046	33 924	29 167	30 217	30 769
Primary electricity ⁴	3 761	3 567	3 678	3 536	3 677	4 218	4 708	4 958	5 583	4 859	6 138
Natural gas ⁵	15 691	16 276	17 784	17 779	18 020	17 930	18 690	19 122	20 565	20 907	21 473
less Energy used by fuel producers and losses in conversion and distribution	25 147	24 896	26 071	24 572	23 819	23 036	23 630	23 462	24 731	26 934	28 176
Total consumption by final users	58 533	59 127	61 695	56 537	54 921	54 279	54 043	53 890	56 319	57 841	58 677
Analysed by type of fuel											
Coal (direct use)	6 154	5 738	6 004	5 103	4 748	4 831	4 640	3 840	4 814	4 902	4 451
Coke and breeze	2 866	2 652	2 889	1 578	2 039	1 850	1 945	1 983	2 118	1 933	2 121
Other solid fuel ⁶	694	652	627	597	523	512	502	316	439	422	436
Coke oven gas	401	357	388	255	264	240	252	213	305	303	326
Natural gas (direct use) ⁷	14 120	15 025	16 417	16 562	16 631	16 691	16 797	17 186	18 253	18 519	19 383
Electricity	7 522	7 676	8 028	7 653	7 521	7 371	7 486	7 654	7 987	8 243	8 520
Petroleum (direct use)	26 741	26 996	27 323	24 775	23 191	22 772	22 412	22 691	22 397	23 519	23 440
Other fuels (direct use) ⁸	35	31	19	14	4	12	9	7	6	1	—
Analysed by class of consumer											
Agriculture	735	732	732	594	557	558	566	550	564	565	544
Iron and steel industry	4 929	4 662	5 025	2 867	3 249	2 934	2 972	2 935	3 048	2 801	3 052
Other industries	17 886	17 711	18 145	16 263	14 893	14 502	13 748	13 376	13 469	13 428	13 557
Railways	494	504	495	485	466	420	441	423	428	424	408
Road transport	10 176	10 697	10 925	11 042	10 722	11 035	11 372	11 912	12 142	12 944	13 522
Water transport	524	518	543	501	437	472	480	527	498	457	438
Air transport	1 857	2 005	2 074	2 081	1 993	1 982	2 022	2 137	2 216	2 432	2 572
Domestic	15 045	15 359	16 501	15 816	15 750	15 569	15 488	15 044	16 698	17 348	17 253
Public administration	3 696	3 657	3 792	3 546	3 504	3 441	3 497	3 497	3 540	3 547	3 408
Miscellaneous	3 191	3 282	3 463	3 342	3 350	3 366	3 446	3 490	3 714	3 895	3 921

1 Estimates of the gross calorific values used for converting the statistics for the various fuels to therms are given in the *Digest of United Kingdom Energy Statistics 1987*.

2 Including net trade and stock change in other solid fuels.

3 Refinery throughput of crude oil, *plus* net foreign trade and stock change in petroleum products. Liquid fuels derived from coal (which are included in coal consumption) and petroleum products not used as fuels (chemical feedstock, industrial and white spirits, lubricants, bitumen and wax) are excluded.

4 Primary electricity comprises UK produced nuclear and hydro-electricity plus net imports of electricity. The figures represent the notional thermal input of fossil fuel that would have been needed to produce the same quantities of electricity at the efficiency of contemporary UK conventional steam power stations.

5 Natural gas includes both indigenous and imported natural gas and colliery methane piped to the surface and consumed at collieries or sold.

6 Including briquettes, ovoids, Phurnacite, Coalite, Rexco, etc.

7 Figures for Natural gas include Town gas. For 1986 consumption of Town gas was 14m therms. Data for consumption of Town gas in previous years may be found in earlier editions of this publication.

8 Liquid fuels derived from coal.

Source Department of Energy

8.3

Coal: supply and demand

	Million tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Supply											
Production of deep-mined coal	107.1	107.5	107.8	112.4	110.5	106.2	101.7	35.2	75.2	90.4	85.9
Production of opencast coal	13.5	14.2	12.9	15.8	14.8	15.3	14.7	14.3	15.6	14.3	15.8
Total	120.6	121.7	120.7	128.2	125.3	121.5	116.4	49.5	90.8	104.6	101.6
Recovered slurry, fines, etc.	1.5	1.9	1.7	1.9	2.2	3.3	2.8	1.6	3.3	3.5	2.8
Imports	2.4	2.4	4.4	7.3	4.3	4.1	4.5	8.9	12.7	10.6	9.8
Total	124.5	126.0	126.8	137.4	131.8	128.8	123.7	60.1	106.8	118.6	114.2
Change in colliery stocks	-1.1	+1.6	-1.9	+5.3	+4.3	+0.2	+1.2	-7.9	-5.3	+0.3	-1.1
Change in stocks at opencast sites	+0.1	+1.1	-0.8	+2.4	+0.5	-0.4	+0.8	+4.7	-6.3	-0.8	-1.5
Total supply	125.5	123.3	129.5	129.7	127.0	128.9	121.7	63.2	118.3	119.2	116.8
Home consumption											
Electricity supply industry ¹	80.0	80.6	88.8	89.6	87.2	80.2	81.6	53.4	73.9	82.6	86.2
Coke ovens	17.4	15.0	15.1	11.6	10.8	10.4	10.4	8.2	11.1	11.1	10.9
Low temperature carbonization plants	2.0	1.9	1.7	1.9	1.3	1.2	1.2	1.1	1.4	1.0	1.0
Manufactured fuel plants	1.2	1.2	1.2	1.1	1.1	1.1	0.9	0.2	0.8	1.0	1.0
Railways	0.1	0.1	0.1	0.1	0.1	0.1	—	—	—	—	—
Collieries	1.1	1.0	0.8	0.7	0.6	0.5	0.5	0.2	0.3	0.3	0.2
Industry:											
Iron and steel	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	—	—	—
Other industries ^{2,3}	8.8	8.4	8.9	7.6	6.8	7.0	7.1	6.0	7.4	8.1	7.9
Domestic:											
House coal ^{3,4}	7.8	6.9	7.1	5.5	5.2	5.2	4.8	4.1	5.3	5.6	4.7
Anthracite and dry steam coal ^{4,5,6}	1.5	1.5	1.6	1.7	1.6	1.8	1.7	1.6	2.1	1.5	1.5
Miners' coal	1.9	1.8	1.8	1.7	1.6	1.6	1.5	0.8	1.2	1.3	1.0
Public services	1.7	1.6	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2
Miscellaneous	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.4	0.2	0.2
Total home consumption	124.0	120.5	129.4	123.5	118.4	111.0	111.4	77.3	105.4	114.2	115.9
Overseas shipments and bunkers	1.8	2.3	2.2	3.8	9.1	7.4	6.6	2.3	2.4	2.7	2.4
Total consumption and shipments	125.8	122.8	131.6	127.3	127.5	118.4	118.0	79.6	107.8	116.9	118.2
Change in distributed stocks ⁷	-0.7	+0.3	-2.5	+2.1	-0.2	+10.3	+3.5	-18.2	+10.0	+4.0	-2.8
Balance ⁸	+0.4	+0.2	+0.4	+0.3	-0.3	+0.2	—	+1.9	+0.5	-1.8	+1.3
Stocks at end of year⁹											
Distributed ⁷	21.7	22.0	18.2	20.4	20.1	30.4	34.0	15.8	25.8	29.8	27.0
At collieries	8.2	9.9	7.8	13.1	17.4	17.7	18.9	11.0	5.7	6.0	4.9
At opencast sites	1.5	2.6	1.8	4.2	4.7	4.3	5.1	9.8	3.5	2.7	1.2
Total stocks	31.4	34.5	27.8	37.7	42.3	52.4	58.0	36.5	35.0	38.5	33.2

TIME SERIES. Figures relate to periods of 52 weeks.

1 Includes quantities used in the production of steam for sale.

2 Colliery and opencast disposals to industry.

3 From 1984 includes estimated proportions of steam coal imports.

4 Colliery and opencast disposals to merchants.

5 Including disposals of imported anthracite.

6 Anthracite is also consumed under other categories, including miners' coal and manufactured fuel plants.

7 Great Britain. Stock change excludes industrial and domestic stocks.

8 This is the balance between supply and consumption, shipments and changes in known distributed stocks.

9 Figures for stocks at end of year for 1978 relate to position at 23 December. Stock change in 1979 is calculated on stocks at 30 December 1978. Figures for stocks at end of year for 1983 relate to position at 24 December.

Source Department of Energy

8.4

Coal: production¹
Great Britain
Years ended March

	Million tonnes										
	1977/78	1978/79	1979/80 ²	1980/81	1981/82	1982/83	1983/84	1984/85 ³	1985/86 ⁴	1986/87	1987/88
Total—Saleable mined coal	106.24	105.38	108.64	109.56	108.20	104.26	89.48	27.58	87.76	87.14	81.75
Scottish	8.41	8.09	8.03	7.74	7.22	6.62	5.27	0.30	4.26	3.43	2.59
North East	12.76	12.93	13.98	14.09	13.41	12.42	10.91	0.38	9.50	10.17	10.22
North Yorkshire ⁴	8.16	8.20	8.15	8.50	8.26	8.39	7.55	0.32	13.90	14.24	14.30
Barnsley ⁴	7.55	7.39	8.00	8.32	8.40	8.13	6.19	0.12			
Doncaster ⁴	7.49	6.96	7.49	7.16	7.12	6.78	5.82	0.01			
South Yorkshire ⁴	7.65	7.59	7.56	7.38	7.23	7.33	6.57	0.17	12.48	12.49	11.55
North Derbyshire	7.42	7.38	7.65	8.26	8.48	8.15	6.29	1.44			
North Nottingham ⁴	11.08	11.01	11.86	11.97	12.26	12.36	11.60	9.16			
South Nottingham ⁴	8.95	8.60	8.65	8.83	8.54	8.25	6.97	5.59	18.67	18.06	17.61
South Midlands and Kent	8.54	8.54	8.54	8.45	8.64	8.17	6.65	4.98			
Western	10.77	10.94	11.10	11.19	11.08	10.78	9.08	4.82			
South Wales	7.46	7.75	7.63	7.67	7.56	6.88	6.58	0.29	6.63	6.48	5.01

TIME SERIES. Figures relate to periods of 52 weeks.

- 1 Collieries operated by the British Coal Corporation (B.C.C.). Excludes coal extracted in work on capital account (0.64 million tonnes in 1987/88).
- 2 See footnote 2 to table 8.7.
- 3 Production was affected by a national overtime ban from 1st November 1983 and by wider industrial action from 12th March 1984.

- 4 With effect from 1985/86 the B.C.C. altered their regional structure and incorporated Barnsley into North Yorkshire Area, Doncaster into South Yorkshire Area and merged North and South Nottingham into Nottinghamshire Area.
- 5 From 1987/88 figures relate to B.C.C.'s new Central Area (previously North Derbyshire and South Midlands).
- 6 From 1987/88 figures relate to B.C.C.'s new Kent Area only. See also footnote 5 above.

Source Department of Energy

8.5

Coal: average number of wage-earners on colliery books¹
Great Britain
Years ended March

	Thousands										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ²	1986/87	1987/88
Total	240.5	234.9	232.5	229.8	218.5	207.7	191.5	175.4	154.6	125.4	104.4
Scottish	22.1	21.1	21.0	20.5	18.3	16.9	14.5	12.3	8.8	6.0	4.3
North East	34.9	34.4	33.5	32.9	30.4	27.6	24.5	22.2	19.7	15.9	12.9
North Yorkshire ²	15.5	15.6	15.8	15.4	14.8	14.4	13.6	12.7			
Barnsley ²	16.6	15.9	15.8	15.6	15.1	15.0	14.3	13.6			
Doncaster ²	17.2	16.6	16.7	16.7	15.9	15.0	13.9	12.8	22.0	16.9	15.5
South Yorkshire ²	17.8	17.3	17.1	16.9	16.3	15.5	14.7	13.7			
North Derbyshire	12.5	12.3	12.1	12.3	12.0	11.8	11.1	10.1			
North Nottingham ²	17.8	18.0	18.1	18.4	18.1	17.8	17.1	16.5	27.2	24.5	20.3
South Nottingham ²	16.1	15.9	15.9	15.8	15.3	14.8	13.7	11.7			
South Midlands and Kent	16.2	16.2	16.5	16.8	16.1	15.2	13.6	12.6			
Western	24.3	23.6	23.0	22.7	21.5	20.3	19.1	17.5	16.3	13.5	11.5
South Wales	29.5	28.0	27.0	25.8	24.8	23.4	21.5	19.7			

- 1 Collieries operated by the British Coal Corporation: See footnote 6 to table 8.5.
- 2 See footnote 4 to table 8.4.

- 3 See footnote 5 to table 8.4.
- 4 See footnote 6 to table 8.4.

Source Department of Energy

8.6

Coal: output per manshift¹
Great Britain
Years ended March

	Tonnes										
	1977/78	1978/79	1979/80 ²	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86 ³	1986/87	1987/88
Total	2.19	2.24	2.31	2.32	2.40	2.44	2.43	2.08	2.72	3.29	3.62
Scottish	1.91	1.96	1.98	1.92	2.00	1.97	1.95	0.37	2.21	2.54	2.71
North East	1.83	1.86	2.07	2.07	2.07	2.09	2.23	0.47	2.23	2.98	3.51
North Yorkshire ³	2.56	2.57	2.50	2.68	2.80	3.01	3.13	1.29	3.04	3.89	4.45
Barnsley ³	2.31	2.44	2.56	2.62	2.71	2.64	2.36	0.51			
Doncaster ³	2.30	2.27	2.29	2.18	2.27	2.30	2.31	0.04			
South Yorkshire ³	2.17	2.25	2.24	2.17	2.22	2.35	2.47	0.50	2.90	3.57	3.61
North Derbyshire	2.84	2.90	2.99	3.21	3.33	3.30	2.90	2.13			
North Nottingham ³	2.96	2.92	3.08	3.04	3.17	3.25	3.35	3.11			
South Nottingham ³	2.67	2.60	2.64	2.68	2.68	2.69	2.55	2.62	3.21	3.45	3.89
South Midlands and Kent	2.47	2.50	2.45	2.36	2.52	2.51	2.41	2.62			
Western	2.14	2.24	2.35	2.35	2.45	2.53	2.44	2.09			
South Wales	1.29	1.41	1.40	1.46	1.47	1.47	1.57	0.39	1.87	2.47	2.30

- 1 Collieries operated by the British Coal Corporation (B.C.C.).
- 2 From April 1980 the B.C.C. have reclassified certain drivages from revenue account (on which the calculation of output per manshift is based) to capital account. The figures for 1979/80 have been adjusted to this new basis. Figures on this basis prior to 1979/80 are not available.

- 3 See footnote 4 to table 8.4.
- 4 See footnote 5 to table 8.4.
- 5 See footnote 6 to table 8.4.

Source Department of Energy

8.7

Fuel input and gas output; gas sales

Public supply

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Fuel input to gas industry:	million tonnes										
Petroleum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	—	—
	million therms										
Petroleum gases ¹	37	86	80	79	71	52	33	30	28	36	6
Natural gas	53	8	—	—	—	—	—	—	—	—	—
Coke oven gas	—	—	—	—	—	—	—	—	—	—	—
Total to gas works	137	145	114	106	100	85	61	56	57	55	20
Natural gas for direct supply	15 287	15 777	17 238	17 012	17 044	16 667	17 153	17 739	18 988	19 215	20 198
Total fuel input	15 424	15 922	17 352	17 118	17 144	16 752	17 214	17 794	19 046	19 270	20 218
Fuel input to gas industry	million tonnes of coal or coal equivalent										
Petroleum	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Petroleum gases ¹	0.1	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	—
Natural gas	0.2	—	—	—	—	—	—	—	—	—	—
Coke oven gas	—	—	—	—	—	—	—	—	—	—	—
Total to gas works	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1
Natural gas for direct supply	61.1	63.1	68.9	68.0	68.2	66.7	68.6	71.0	76.0	76.9	80.8
Total fuel input	61.6	63.6	69.3	68.4	68.5	67.0	68.8	71.2	76.2	77.1	80.9
Gas output and sales	million therms										
Gas output:											
Town gas	101	55	40	35	31	26	23	21	20	18	13
Natural gas supplied direct ²	15 309	15 858	17 303	17 076	17 108	16 719	17 186	17 764	19 017	19 243	20 205
Gross total available	15 410	15 913	17 343	17 111	17 139	16 745	17 209	17 785	19 038	19 261	20 218
Own use ³	99	106	128	134	139	126	— 121	— 129	— 140	— 152	— 137
Statistical difference ⁴	— 732	— 499	— 624	— 347	— 378	+ 38	— 243	— 351	— 531	— 613	— 708
Total sales	14 579	15 308	16 591	16 630	16 622	16 657	16 845	17 305	18 367	18 496	19 373
Analysis of gas sales	million therms										
Fuel producers											
Power stations	519	338	239	140	78	76	77	178	197	75	79
Coal extraction and manufacture of solid fuels ⁵	..	..	..	..	..	..	9	13	12	14	13
Coke ovens ⁵	..	..	..	..	..	..	10	10	11	3	1
Petroleum refineries ⁵	..	..	..	..	..	..	76	29	8	10	11
Nuclear fuel production ⁵	..	..	..	..	..	..	18	18	18	17	27
Production and distribution of other energy	..	..	..	..	..	..	6	4	11	5	8
Total final producers	519	338	239	140	78	76	196	252	257	124	139
Final users:											
Iron and steel industry ⁶	485	446	538	451	409	365	390	449	449	419	468
Other industries ⁵	5 398	5 519	5 622	5 539	5 261	5 319	5 040	5 249	5 310	4 804	5 275
Domestic	6 590	7 261	8 225	8 439	8 764	8 719	8 871	8 933	9 684	10 242	10 500
Public administration	746	814	908	948	966	1 003	1 100	1 095	1 184	1 286	1 326
Agriculture ⁷	..	..	..	..	..	..	11	13	20	24	29
Miscellaneous ⁷	841	930	1 059	1 113	1 144	1 175	1 237	1 314	1 463	1 597	1 636
Total final users	14 060	14 970	16 352	16 490	16 544	16 581	16 649	17 053	18 110	18 372	19 234
Total sales	14 579	15 308	16 591	16 630	16 622	16 657	16 845	17 305	18 367	18 496	19 373

Note: The breakdown of consumption by industrial users is made according to the 1980 Standard Industrial Classification, though only data for the years 1984 and 1985 are available on this basis.

4 Supply greater than recorded demand (—). Includes losses in distribution.

5 Prior to 1984, included in Other industries under Final users.

6 Prior to 1984, as reported by the Iron and Steel Statistics Bureau.

7 Prior to 1984, included in Miscellaneous.

Source Department of Energy

8.8 Electricity: production and fuel used¹

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	GWh										
Electricity generated: total	262 746	267 491	280 177	267 087	260 422	256 090	261 082	266 645	280 602	282 913	283 321
England and Wales	226 994	231 411	242 127	230 940	224 315	220 505	226 324	227 010	242 248	246 895	246 521
South of Scotland Electricity Board	25 316	25 577	26 907	25 565	25 331	23 276	20 332	22 938	25 771	23 748	25 814
North of Scotland Hydro-Electric Board	4 243	4 176	4 471	4 205	4 640	6 312	8 395	10 451	6 015	5 611	4 204
Northern Ireland	5 492	5 627	5 977	5 673	5 445	5 346	5 384	5 591	5 938	6 018	6 157
Railway and transport authorities	701	700	695	704	691	651	647	655	630	641	625
Method of generation											
Steam plant (nuclear): total	36 417	33 339	34 604	33 462	34 043	40 001	45 776	49 498	56 354	54 005	50 282
England and Wales	30 703	28 459	29 669	26 552	26 706	30 970	35 534	38 764	44 868	42 431	39 241
South of Scotland Electricity Board	5 714	4 880	4 935	6 910	7 337	9 031	10 242	10 733	11 487	11 574	11 041
Steam plant (other): total	220 622	228 762	239 875	228 577	220 849	210 545	209 116	209 711	216 830	221 981	226 957
England and Wales	195 094	202 079	211 538	203 714	196 847	188 768	189 422	185 017	194 276	202 089	205 137
South of Scotland Electricity Board	19 253	20 398	21 657	18 309	17 663	13 896	9 811	11 925	13 992	11 846	14 450
North of Scotland Hydro-Electric Board	217	156	200	291	321	1 956	3 907	6 595	2 062	1 487	663
Northern Ireland	5 455	5 560	5 922	5 659	5 428	5 337	5 374	5 584	5 925	5 969	6 132
Railway and transport authorities	603	569	558	604	590	588	601	590	575	590	575
Gas turbines and oil engines: total	1 064	819	895	551	610	580	401	2 012	1 138	609	512
England and Wales	629	312	355	106	150	187	89	1 678	799	220	204
South of Scotland Electricity Board	40	6	4	2	3	7	1	1	1	1	1
North of Scotland Hydro-Electric Board	260	303	344	329	339	314	256	260	271	287	283
Northern Ireland	37	67	55	14	17	9	10	7	13	50	25
Railway and transport authorities	98	131	137	100	101	63	46	65	55	51	—
Hydro-electric plant other than pumped storage plant: total	3 330	3 388	3 628	3 309	3 917	3 884	3 892	3 368	3 447	3 925	3 312
England and Wales	223	210	243	234	258	221	217	167	215	199	225
South of Scotland Electricity Board	309	292	311	344	328	342	279	279	290	327	322
North of Scotland Hydro-Electric Board	2 798	2 886	3 074	2 731	3 331	3 321	3 397	2 923	2 942	3 400	2 766
Pumped storage plant: total	1 313	1 183	1 175	1 188	1 003	1 080	1 897	2 055	2 831	2 394	2 207
England and Wales	345	351	322	334	354	359	1 062	1 383	2 091	1 957	1 715
North of Scotland Hydro-Electric Board	968	832	853	854	649	721	835	672	740	437	492
	Thousand tonnes										
Fuel used											
Coal: total	79 311	80 627	88 539	89 348	87 038	79 816	81 437	53 411	73 940	82 647	86 174
England and Wales	70 343	71 928	79 562	80 546	78 439	72 833	76 314	49 866	68 059	77 333	79 206
South of Scotland Electricity Board	8 511	8 195	8 440	8 236	8 103	6 456	4 566	3 328	5 357	4 980	6 399
Northern Ireland	457	504	537	566	496	527	557	216	523	334	570
Coke and coke breeze: total	80	131	158	117	82	69	33	19	—	—	—
England and Wales	80	131	158	117	82	69	33	19	—	—	—
Oil: total	10 596	11 475	10 670	6 573	5 075	6 232	4 746	21 313	10 638	6 097	4 812
England and Wales	8 775	9 365	8 294	5 016	3 568	4 427	2 579	17 261	8 278	4 009	3 128
South of Scotland Electricity Board	456	755	925	202	150	127	75	1 135	591	288	155
North of Scotland Hydro-Electric Board	112	107	126	157	162	543	981	1 589	533	412	217
Northern Ireland	1 236	1 240	1 300	1 193	1 181	1 126	1 107	1 325	1 219	1 371	1 306
Railway and transport authorities	17	8	25	5	14	9	3	3	16	18	8
Natural gas ² : total	2 067	1 352	955	557	313	304	311	712	762	285	298
England and Wales	1 745	1 012	644	218	—	1	1	395	479	4	5
Railway and transport authorities	322	340	311	339	313	303	309	317	283	281	293

1 Public electricity supply and railway and transport authorities.

2 Expressed in thousand tonnes of coal equivalent.

Sources Department of Energy; Scottish Economic Planning Department; Department of Economic Development (Northern Ireland)

8.9

Electricity: generating capacity of plant and demand¹
Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Capacity of generating plant installed at end of year (Megawatt)	69 747	69 911	71 426	70 886	68 382	68 106	67 022	68 632	69 763	70 087	69 704
Simultaneous maximum load on generating stations during the year ² (Megawatt)	48 605	50 144	49 582	48 284	48 561	47 333	47 396	51 710	50 943	53 980	52 490
Electricity generated (GWh)	256 553	261 164	273 505	260 710	254 286	250 093	255 052	260 399	274 034	276 254	276 539
Electricity supplied net (GWh)	237 341	242 723	254 232	242 377	237 045	232 817	236 296	241 189	252 745	255 537	256 102
System load factor ³ (Percentage)	56.6	56.1	59.4	58.0	56.0	57.1	58.0	54.1	57.8	56.1	59.4

1 Public supply stations only.

2 Maximum occurring near the end of the year, or early in the following year.

3 The system load factor is the average hourly quantity of electricity sent out during the year (including purchases from other sources) expressed as a percentage of the maximum potential demand nearest the end of the year or early the following year.

Source Department of Energy

8.10

Electricity: sales¹
Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	220 904	225 346	235 644	225 053	221 621	217 096	220 532	224 660	235 570	242 969	250 927
Domestic and farm premises	87 720	87 662	91 506	87 907	86 201	84 601	84 713	85 667	90 068	93 496	94 927
Domestic and commercial ²	2 447	2 426	2 144	2 197	2 129	2 014	1 980	1 987	1 712	1 417	1 408
Shops, offices and other commercial premises	38 685	41 183	44 114	44 539	45 359	46 134	49 055	51 113	55 459	59 242	62 012
Factories and other industrial premises	87 377	89 349	93 167	85 539	83 078	79 806	80 034	81 105	83 419	83 870	87 531
Public lighting	2 163	2 177	2 160	2 252	2 240	2 243	2 261	2 296	2 335	2 316	2 345
Traction	2 512	2 549	2 553	2 619	2 614	2 298	2 488	2 492	2 577	2 627	2 704

1 Public supply system.

2 Premises used for domestic and commercial purposes having a combined tariff.

Source Department of Energy

8.11 Indigenous production, refinery receipts, arrivals and shipments of oil¹

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total indigenous petroleum production ²	38 265	54 006	77 854	80 468	89 480	103 219	115 045	126 065	127 642	127 053	123 306
Crude petroleum ³ :											
Refinery receipts total	92 260	96 759	98 325	87 405	76 616	76 705	76 344	78 450	78 653	79 666	80 363
Indigenous ⁴	21 929	28 609	38 493	39 844	37 769	40 294	44 815	45 304	43 231	38 780	39 227
Other ⁵	682	916	606	2 005	2 486	3 162	2 366	2 196	1 095	1 006	939
Net foreign arrivals ⁶	69 649	67 234	59 226	45 556	36 361	33 249	29 163	30 950	34 327	39 880	40 197
Foreign trade											
Arrivals ⁶	70 697	68 144	60 380	46 717	36 855	33 754	30 324	32 272	35 576	41 209	41 107
Shipments											
Indigenous	15 611	23 948	39 044	38 531	51 149	60 195	67 397	77 271	79 335	83 341	80 318
Other ⁷	1 048	910	1 154	1 161	494	505	1 161	1 363	1 416	1 635	1 113
Petroleum products											
Foreign trade											
Arrivals ⁶	13 049	11 586	12 035	9 246	9 402	12 524	9 907	23 082	13 101	11 767	8 570
Shipments ⁶	14 294	13 536	13 359	14 598	12 793	13 585	14 674	14 234	17 038	17 726	17 056
Net arrivals ⁶	-1 245	-1 950	-1 324	-5 352	-3 391	-1 061	-4 767	+8 848	-3 937	-5 959	-8 486
Bunkers ⁸	2 829	2 623	2 671	2 457	2 073	2 583	2 019	2 248	2 118	2 091	1 668

1 The term indigenous is used in this table for convenience to include oil from the UK Continental Shelf as well as the small amounts produced on the mainland.

2 Crude oil *plus* condensates and petroleum gases derived at onshore treatment plants.

3 Includes process (partly refined) oils.

4 Includes condensate for distillation.

5 Mainly recycled products.

6 Foreign trade as recorded by the petroleum industry and may differ from figures published in *Overseas Trade Statistics*.

7 Re-exports of imported crude which may include some indigenous oil in blend.

8 International marine bunkers.

Source Department of Energy

8.12 Throughput of crude and process oils and output of refined products from refineries¹

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Throughput of crude and process oils	93 553	96 319	97 806	86 341	78 287	77 130	76 876	79 117	78 431	80 155	80 449
less: Refinery fuel ² :	6 176	6 352	6 490	6 265	5 445	5 549	5 297	5 350	5 179	5 404	5 216
Losses	1 039	811	733	849	836	834	652	579	348	662	577
Total output of refined products	86 338	89 156	90 583	79 227	72 006	70 747	70 927	73 187	72 904	74 089	74 656
Gases:											
Butane and propane	1 539	1 613	1 604	1 366	1 391	1 400	1 482	1 578	1 436	1 328	1 422
Other petroleum	142	147	168	92	75	75	56	78	60	93	52
Naphtha and other feedstock	4 488	4 626	5 242	3 541	3 406	3 492	3 550	3 206	2 883	2 652	2 014
Aviation spirit	41	37	67	60	57	44	—	1	4	—	—
Wide-cut gasoline	92	76	87	6	—	—	—	—	—	—	—
Motor spirit	14 805	15 958	16 111	16 609	17 140	19 134	21 053	22 236	22 254	23 360	24 680
Industrial and white spirits	96	81	89	73	115	115	134	142	140	104	117
Kerosene:											
Aviation turbine fuel	4 004	4 783	5 236	5 198	4 559	4 457	4 723	5 352	5 257	5 813	6 063
Burning oil	2 452	2 602	2 709	2 034	1 904	1 851	1 770	2 066	2 307	2 147	2 270
Vaporising oil	10	12	—	—	—	—	—	—	—	—	—
Gas/diesel oil	23 476	24 024	25 450	22 153	20 411	20 581	21 029	21 547	21 701	22 409	21 424
Fuel oil	30 481	30 518	28 600	23 700	19 069	15 808	13 483	13 071	12 896	12 523	12 797
Lubricating oils	1 380	1 203	1 330	1 250	1 063	990	936	1 108	1 188	909	886
Bitumen	1 882	1 886	2 065	1 928	1 735	1 862	1 798	1 795	1 764	1 887	2 056
Petroleum wax	86	91	98	86	82	71	56	80	71	58	57
Petroleum coke	—	413	452	481	505	492	499	506	517	514	517
Other products	1 364	1 086	1 275	650	494	375	358	422	426	293	300

1 Crude and process oils comprise all feedstocks, other than distillation benzenes, for treatment at refinery plants. Refinery production does not cover further treatment of finished products for special grade such as in distillation plant for the preparation of industrial spirits.

2 Comprising 2 252 thousand tonnes gases, 1 962 thousand tonnes fuel oil and 1 002 thousand tonnes other products in 1987.

Source Department of Energy

8.13 Deliveries of petroleum products for inland consumption

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total (including refinery fuel)	88 935	90 493	91 044	77 442	71 701	72 795	69 761	86 785	74 960	74 631	72 917
Total (excluding refinery fuel)	82 759	84 141	84 554	71 177	66 256	67 246	64 464	81 435	69 781	69 227	67 701
Gases:											
Butane and propane:											
For gas works	26	28	32	31	34	39	35	41	41	44	41
Other uses	1 275	1 223	1 317	1 160	1 116	1 312	1 522	1 438	997	1 014	1 090
Other gases											
For gas works	57	154	160	156	137	97	63	58	50	66	8
Other uses	—	—	—	—	5	154	307	313	45	57	55
Feedstock:											
For petroleum chemical plants	5 747	5 847	5 880	3 741	4 492	4 165	4 513	4 695	5 032	5 652	5 537
Naptha (LDF) for gasworks ¹	108	66	70	71	74	71	56	52	51	46	30
Aviation spirit	47	46	44	40	32	27	28	27	28	29	28
Wide-cut gasoline	6	5	3	3	2	3	2	2	1	—	1
Motor spirit: total	17 336	18 348	18 685	19 145	18 718	19 247	19 566	20 226	20 403	21 470	22 184
Dealers:											
5 star	694	161	21	—	—	—	—	—	—	—	—
4 star	12 117	14 101	14 872	15 393	15 041	15 656	16 107	16 990	17 361	18 621	19 520 ³
3 star	1 388	1 112	859	590	410	257	166	111	77	48	29
2 star	2 220	2 052	2 023	2 181	2 286	2 483	2 431	2 331	2 188	2 052	1 877
Commercial consumers:											
5 star	50	37	5	—	—	—	—	—	—	—	—
4 star	555	601	645	706	719	616	621	561	552	535	582 ⁴
3 star	99	103	101	132	118	103	99	90	86	77	62
2 star	213	181	159	143	144	132	142	143	139	136	115
Industrial and white spirits	177	195	200	170	174	175	196	220	214	206	218
Kerosene:											
Aviation turbine fuel	4 165	4 506	4 666	4 685	4 495	4 474	4 566	4 828	5 007	5 497	5 815
Burning oil	2 615	2 652	2 695	2 103	1 906	1 745	1 663	1 710	1 870	2 020	2 034
Vaporising oil	12	8	3	—	—	—	—	—	—	—	—
Gas/diesel oil:											
Derv fuel	5 711	5 875	6 057	5 854	5 549	5 731	6 183	6 755	7 106	7 866	8 469
Other	13 914	13 600	13 804	11 771	10 994	10 552	9 944	9 967	9 732	9 241	8 608
Fuel oil	27 772	28 233	27 487	19 157	15 645	16 191	12 512	27 843	15 969	12 514	9 935
Lubricating oils	1 029	1 021	1 030	896	837	827	818	818	816	803	828
Bitumen	1 847	1 887	1 977	1 826	1 666	1 956	1 987	1 900	1 887	2 019	2 162
Petroleum wax	74	84	79	71	64	56	57	59	58	60	59
Petroleum coke ²		115	115	100	98	128	142	104	96	268	260
Miscellaneous products ²	841	248	250	197	218	296	306	379	379	355	339

1 Including a small quantity supplied for use as fuel by other consumers.

2 Prior to 1978 estimated.

3 Includes 14 thousand tonnes unleaded petrol.

4 Includes 4 thousand tonnes unleaded petrol.

Source Department of Energy

8.14

Iron and steel

Summary of steel supplies, deliveries and stocks

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Finished product weight—thousand tonnes											
Supply, disposal and consumption											
UK producers' home deliveries	12 202	12 320	12 824	8 224	9 175	8 790	8 757	9 036	8 917	8 337	9 197
Imports excl steelworks receipts	3 089	3 243	3 330	3 977	2 738	2 988	2 760	2 691	2 924	3 409	3 595
Total deliveries to home market (a)	15 291	15 563	16 154	12 201	11 913	11 978	11 517	11 727	11 841	11 745	12 792
Total exports (producers, consumers, merchants)	4 176	4 164	4 326	2 553	3 718	3 281	3 812	3 843	4 562	4 922	6 057
Exports by UK producers	3 921	3 850	3 992	2 165	3 514	3 045	3 502	3 527	4 156	4 804	5 815
Derived consumers and merchants exports (b)	255	314	334	388	204	236	310	316	406	118	242
Net home disposals (a) — (b)	15 036	15 249	15 820	11 813	11 709	11 542	11 207	11 411	11 435	11 628	12 549
Consumers and merchants stock change ¹	— 325	— 394	+ 222	— 674	— 713	— 370	— 300	+ 170	— 180	— 310	+ 100
Estimated home consumption	15 361	15 643	15 598	12 487	12 164	11 912	11 507	11 241	11 615	11 938	12 449
Stocks											
Producers—ingots and semi-finished steel	2 021	1 716	1 963	1 196	1 243	1 056	1 072	1 130	1 629	1 121	1 198
— finished steel	1 960	1 901	1 879	1 655	1 560	1 488	1 548	1 633	1 604	1 657	1 701
Consumers	4 147	3 814	3 640	2 870	2 330	2 110	1 800	1 830	1 640	1 380	1 430
Merchants	982	921	1 317	1 413	1 240	1 090	1 100	1 240	1 250	1 200	1 250
Crude steel equivalent—million tonnes											
Estimated home consumption											
Crude steel production ²	20.41	20.31	21.46	11.28	15.57	13.70	14.99	15.12	15.72	14.72	17.41
Producers stock change ¹	+ 0.19	— 0.42	+ 0.25	— 1.12	— 0.06	— 0.33	+ 0.10	+ 0.18	+ 0.60	— 0.69	+ 0.20
Re-usable material	0.08	0.07	0.09	0.09	0.06	0.08	0.10	0.07	0.08	0.08	0.10
Total supply from home sources	20.68	20.80	21.30	12.49	15.57	14.11	14.99	15.01	15.20	15.49	17.31
Total imports	4.89	4.79	4.95	5.99	4.30	4.94	4.27	4.54	4.76	5.43	5.62
Total exports	5.60	5.57	5.80	3.31	4.83	4.28	4.98	5.04	5.95	6.57	7.98
Net home disposals	19.97	20.02	20.45	15.17	15.04	14.77	14.28	14.51	14.01	14.35	14.95
Consumers and merchants stock change ¹	— 0.55	— 0.51	+ 0.29	— 0.88	— 0.93	— 0.48	— 0.38	+ 0.22	— 0.23	— 0.39	+ 0.13
Estimated home consumption	20.52	20.53	20.16	16.05	15.97	15.25	14.66	14.29	14.24	14.74	14.82

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1981).

Note: Figures in the above table have been amended to reflect the Iron and Steel Statistics Bureau's revised definition of the iron and steel industry.

1 Increases in stock are shown as + and decreases in stock (i.e. deliveries from stock) as —.

2 Includes liquid steel for castings.

Sources Department of Trade and Industry: Iron and Steel Statistics Bureau

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8.15

Iron and steel

Iron ore, manganese ore, pig iron and iron and steel scrap

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Iron ore											
Production: total	3 745	4 239	4 269	916	731	470	385	378	275	289	263
Jurassic Hematite	3 629	4 131	4 156	874	729	468	382	376	272	288	261
	116	108	113	42	2	2	3	2	3	1	2
Consumption: total	19 999	19 856	21 188	9 350	13 777	11 652	13 205	13 676	15 138	14 343	17 635
Home produced	3 973	4 477	4 268	875	923	527	448	403	326	352	305
Imported	16 026	15 379	16 919	8 475	12 854	11 125	12 756	13 273	14 812	13 991	17 330
Manganese ore											
Consumption	352	277	495	168	259	188	262	252	291	309	292
Pig iron (and blast furnace ferro-alloys)											
Average number of furnaces in blast during period	32	29	26	9	11	10	11	11	11	11	11
Production											
In blast furnaces: total	12 232	11 434	12 898	6 316	9 554	8 388	9 560	9 562	10 458	9 785	12 109
Steelmaking iron	11 533	10 942	12 432	6 099	9 395	8 279	9 400	9 365	10 167	9 632	11 916
Foundry iron	602	423	329	165	75	48	77	122	214	53	101
Spiegeleisen and ferro-manganese	97	69	137	52	84	61	83	75	77	100	92
Consumption of pig iron: total	12 591	11 856	13 203	6 373	9 651	8 312	9 650	9 461	10 285	9 754	12 061
In steel works and steel foundries	11 753	11 152	12 494	6 065	9 473	8 160	9 468	9 271	10 125	9 613	11 922
In iron foundries	838	704	709	308	178	152	182	190	160	141	139
Pig iron stocks (end of period)	704	473	410	408	94	202	112	106	157	110	98
Iron and steel scrap											
Steelworks and steel foundries											
Circulating scrap	6 362	5 835	6 019	3 232	4 146	3 772	3 849	3 558	2 942	2 816	2 652
Purchased receipts	5 137	5 490	5 663	3 231	3 948	3 976	3 750	4 475	4 270	4 147	4 438
Consumption	11 858	11 826	11 739	6 756	8 216	7 463	7 670	7 866	6 994	6 660	7 060
Stocks (end of period)	1 903	1 401	1 284	858	618	742	467	439	438	552	582
Iron foundries											
Arisings	1 301	1 273	1 251	848	773	701	697	626	549	453	407
Consumption	3 632	3 509	3 473	2 416	2 093	2 035	1 891	1 698	1 402	1 166	1 143
Stocks (end of period)	356	223	240	173	158	160	108	75	68	89	67

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1981).

Sources Department of Trade and Industry; Iron and Steel Statistics Bureau

8.16

Iron and steel

Number of furnaces and production of steel

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Steel furnaces (Number in existence at end of period) ¹											
Total	512	471	431	399	400	353	321	310	297	283	268
Open hearth	63	21	2	—	—	—	—	—	—	—	—
Oxygen converters	23	21	21	16	14	14	14	14	14	14	14
Electric	408	414	396	380	384	339	307	296	283	269	254
Stock and tropenas	18	15	12	3	2	—	—	—	—	—	—
Production of crude steel (thousand tonnes)											
Total	20 411	20 311	21 464	11 277	15 573	13 705	14 986	15 121	15 722	14 725	17 414
by process											
Open hearth	3 279	1 764	1 163	—	—	—	—	—	—	—	—
Oxygen converters	10 843	11 336	12 894	6 689	10 535	9 036	10 496	10 295	11 185	10 560	12 957
Electric	6 269	7 200	7 385	4 579	5 038	4 669	4 490	4 826	4 537	4 165	4 457
Stock and tropenas	20	11	22	9	—	—	—	—	—	—	—
by cast method											
Cast to ingot	17 382	16 722	17 442	7 845	10 306	8 020	7 754	7 015	6 863	5 573	5 896
Continuously cast	2 554	3 149	3 627	3 059	4 959	5 341	6 986	7 858	8 620	8 903	11 293
Steel for castings	475	441	395	373	308	344	247	248	239	249	225
by quality											
Non alloy steel	18 529	18 416	19 553	10 041	14 088	12 500	13 887	13 890	14 502	13 587	16 149
Stainless and other alloy steel	1 882	1 895	1 911	1 236	1 485	1 205	1 100	1 231	1 220	1 138	1 265
Production of finished steel products (all qualities)² (thousand tonnes)											
Rods and bars for reinforcement (in coil and lengths)	948	1 037	982	709	711	675	814	846	916	879	914
Wire rods and other rods and bars in coil	1 676	1 708	1 779	1 004	1 169	1 011	1 040	1 125	1 136	1 149	1 273
Hot rolled bars in lengths	1 608	1 608	1 638	1 082	1 020	913	795	834	836	781	836
Bright steel bars ³	558	522	486	353	331	300	292	347	319	307	315
Light sections other than rails	351	311	351	268	246	175	177	175	236	283	272
Heavy and light rails and accessories	262	233	257	176	219	209	260	227	226	172	237
Other heavy sections	1 815	1 907	1 907	1 336	1 856	1 621	1 712	1 594	1 770	1 836	2 060
Hot rolled plates and sheets in coil and lengths	6 945	6 816	7 525	3 863	6 181	5 506	6 080	6 357	6 135	6 166	7 106
Cold rolled plates and sheets in coil and lengths	3 852	3 734	3 928	1 873	3 081	2 964	3 208	3 357	3 418	3 342	3 730
Hot rolled strip	1 134	1 126	1 113	414	249	267	300	320	306	273	301
Cold rolled strip ³	461	455	429	306	297	287	286	315	300	302	329
Tinplate	1 176	1 126	1 108	605	886	894	916	963	899	953	1 041
Other coated sheet	709	779	1 012	556	838	921	1 027	1 111	1 135	1 153	1 373
Tubes and pipes ³	1 407	1 478	1 503	1 049	1 269	1 227	1 201	1 348	1 357	1 209	1 317
Forged bars ³	11	14	17	15	19	23	12	17	19	16	17

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1981).

2 Includes material for conversion into other products listed in the table.

3 Based on producers deliveries.

1 Includes steel furnaces at steel foundries.

Sources Department of Trade and Industry; Iron and Steel Statistics Bureau.

8.17 Non-ferrous metals

Thousand tonnes

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Copper												
Production of refined copper:												
Primary	51.6	44.4	46.2	48.5	68.3	59.8	63.2	67.5	69.5	63.9	62.4	54.0
Secondary	85.7	77.8	79.4	73.2	93.0	76.3	71.0	76.8	67.4	61.6	63.2	68.3
Home consumption:												
Refined	457.6	512.0	501.6	498.8	409.2	333.1	355.4	358.0	352.9	346.5	339.6	327.7
Scrap (metal content)	147.3	131.0	146.8	117.6	121.2	128.0	128.4	109.6	132.5	131.5	135.3	137.7
Stocks (end of period) ^{1, 2}	116.7	118.7	120.9	92.5	82.0	62.0	69.3	75.8	43.4	37.6	31.6	11.7
Analysis of home consumption												
(Refined and scrap): ³ total	604.8	643.0	648.4	616.4	530.4	461.1	483.8	467.6	485.4	477.9	474.9	473.1
Wire ⁴	273.5	305.5	300.4	288.3	255.7	215.2	226.0	227.0	226.9	225.4	229.6	220.3
Rods, bars and sections	88.0	91.3	93.3	86.6	65.7	56.3	58.8	58.9	67.9	64.6	61.4	62.5
Sheet, strip and plate	105.4	108.4	108.5	102.1	80.1	63.4	69.2	59.9	67.7	66.9	62.4	62.5
Tubes	83.7	83.9	90.8	88.0	78.1	77.2	80.8	80.1	81.3	79.6	80.4	79.1
Castings and miscellaneous	54.2	53.9	55.4	51.3	50.8	48.9	49.0	41.7	41.5	41.4	41.2	48.7
Zinc												
Slab zinc:												
Production	41.6	81.5	73.6	76.7	86.7	81.7	79.3	87.7	85.6	74.3	85.9	81.4
Home consumption	242.8	244.8	247.6	238.8	181.3	185.4	181.6	177.2	182.2	189.3	181.9	188.1
Stocks (end of period)	21.6	22.2	23.8	22.0	19.7	16.1	16.0	19.3	15.9	15.5	15.3	14.0
Other zinc (metal content):												
Consumption	67.9	70.3	72.1	72.9	62.3	56.1	57.8	54.4	54.0	53.3	53.4	52.6
Analysis of home consumption												
(slab and scrap): total	310.7	315.1	319.7	311.7	243.6	241.5	239.3	231.6	236.2	242.6	235.3	240.7
Brass	83.8	87.5	86.7	81.6	66.7	56.8	59.3	56.6	61.8	58.3	55.1	55.8
Galvanized products	84.0	80.9	85.1	89.1	69.1	80.1	83.5	86.6	90.5	90.5	87.2	95.8
Zinc sheet and strip	20.6	23.4	23.2	20.6	19.1	15.9	14.1	8.6	5.7	5.8	4.6	4.0
Zinc alloy die castings	61.9	62.7	65.9	62.1	37.7	40.1	37.5	39.7	34.9	43.2	44.8	44.0
Zinc oxide	33.7	32.4	29.8	29.9	26.6	21.5	18.7	20.6	19.6	23.4	23.7	22.8
Other products	26.6	28.2	29.1	28.3	24.4	27.2	26.1	19.6	23.8	21.4	20.1	18.3
Refined lead												
Production ^{5, 6}	341.9	351.1	345.8	368.3	324.8	333.4	306.2	322.2	338.4	327.2	328.6	347.0
Home consumption ^{6, 7}												
Refined lead	318.3	317.7	336.5	333.2	295.5	265.8	271.9	292.9	295.3	274.3	282.1	287.5
Scrap and remelted lead ⁶	2.4	2.4	2.4	2.7	10.0	8.2	9.9	14.3	19.8	29.0	27.0	36.6
Stocks (end of period) ⁸												
Lead bullion	26.5	38.9	53.4	68.4	115.7	94.6	13.6	14.8	18.0	13.4	16.1	26.1
Refined lead at consumers	19.7	20.9	24.1	23.4	19.7	21.3	25.7	28.1	28.2	29.5	28.3	24.4
In LME Warehouses (UK)	18.3	26.7	10.9	16.4	19.0	39.5	53.7	60.3	34.2	27.5	18.5	2.8
Analysis of home consumption												
(refined and scrap): total	320.7	320.1	338.9	335.9	305.5	274.0	281.8	307.1	315.4	303.6	309.1	324.1
Cables	33.5	31.1	31.0	26.6	21.7	19.4	20.9	19.2	15.1	13.1	13.0	10.0
Batteries (excluding oxides)	45.4	49.5	54.2	58.1	49.3	41.5	43.7	43.3	46.9	47.4	47.6	48.0
Oxides and compounds:												
Batteries	44.3	47.8	53.6	55.8	49.3	37.7	45.0	44.4	43.9	49.6	46.7	49.0
Other uses ⁹	88.8	86.3	96.3	91.8	81.9	75.9	73.5	74.7	75.1	72.1	72.4	82.7
Sheets and pipes	48.2	47.2	47.9	47.1	50.9	51.7	53.6	77.2	84.3	77.6	84.5	86.1
White lead	0.8	1.4	0.9	1.2	0.9	0.7	0.7	0.5	0.4	0.4	..	..
Solder	13.1	13.8	12.6	11.9	9.7	9.6	9.0	8.4	7.7	7.9	7.6	7.4
Alloys	14.1	13.4	13.4	12.6	11.9	7.1	7.9	11.2	10.9	11.2	11.5	13.6
Other uses	32.6	29.6	29.0	30.8	29.9	30.4	27.6	28.3	31.1	27.0	26.0	27.3
Tin												
Tin ore (metal content):												
Production	3.3	3.8	2.8	2.4	3.0	3.9	4.2	4.1	5.0	5.2	4.3	3.6
Stocks (end of period)	0.2	..	..	..	..	..	..	..	..	..	..	..
Tin metal ¹⁰ :												
Production ¹¹	13.7	13.9	11.2	11.4	11.4	12.9	13.6	13.3	13.8	14.8	14.9	17.3
Home consumption ¹¹	15.2	14.9	13.9	13.2	9.9	10.9	10.4	10.2	10.0	9.4	9.7	9.8
Exports and re-exports ¹²	6.9	6.8	7.0	6.2	7.0	6.3	5.4	1.0	11.1	7.3	13.6	14.8
Stocks (end of period):												
Consumers	1.2	1.5	1.5	1.2	1.1	1.1	0.9	0.9	1.0	1.0	1.0	1.0
Merchants and others	0.9	..	..	..	..	..	..	..	..	..	..	..
Analysis of home consumption												
(excluding scrap): total	15.1	14.9	13.9	13.2	9.9	10.9	10.4	10.2	10.0	9.4	9.7	9.8
Tinplate	6.4	6.4	6.0	5.7	3.1	4.3	4.0	3.8	3.7	3.4	3.3	3.6
Alloys	4.9	4.7	4.7	4.2	3.6	3.4	3.4	3.2	3.1	3.1	3.1	3.2
Solder	1.0	1.1	0.8	1.0	0.9	1.0	0.8	0.9	0.8	0.8	0.9	0.9
Other uses	2.8	2.7	2.4	2.3	2.3	2.2	2.2	2.2	2.4	2.1	2.5	2.1
Primary aluminium¹³												
Production	334.5	349.7	346.2	359.5	374.4	339.2	240.8	252.5	287.9	275.4	275.9	294.4
Despatches to consumers	577.1	526.6	523.8	563.7	520.9	446.2	399.2	418.3	448.3	436.0	451.2	461.6

See footnotes page 155.

Sources Department of Trade and Industry; World Bureau of Metal Statistics

8.17 Non-ferrous metals

(continued)

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Secondary aluminium											
Production	200.8	193.7	176.7	162.1	148.0	114.6	128.3	143.9	127.6	116.4	116.7
Despatches to consumers	201.7	195.1	180.5	161.9	149.4	115.8	128.1	143.1	127.6	119.6	121.7
Exports	..	..	..	..	59.2	40.0	37.7	42.1	40.7	42.2	36.7
Fabricated aluminium											
Total despatches ¹⁴	539.1	542.4	573.9	521.1	444.3	455.4	460.5	473.8	466.0	..	..
Rolled products ¹⁵	203.8	189.4	209.5	199.4	165.8	173.7	174.9	191.2	194.6	215.5	224.4
Extrusions and tubes ¹⁶	176.6	183.8	205.3	183.6	161.2	169.6	177.7	174.5	168.9	..	..
Wire products	34.8	35.0	38.2	33.3	31.6	31.9	29.2	28.9	29.9	27.3	27.0
Castings	121.6	131.9	118.9	101.9	83.3	78.3	77.0	77.5	72.6	73.3	74.8
Forgings	2.3	2.3	2.0	2.9	2.3	1.9	1.7	1.7	..	..	..
Foil products (Aluminium content)	39.0	39.7	41.3	40.4	37.8	¹⁹	¹⁹	¹⁹	¹⁹	¹⁹	..
Magnesium and magnesium alloys											
Production ¹⁷	2.7	2.7	2.7	2.8	1.9	1.8	¹⁹	¹⁹	¹⁹	¹⁹	¹⁹
Consumption: total ¹⁸	6.5	6.3	6.0	5.4	4.1	4.1	¹⁹	¹⁹	¹⁹	¹⁹	¹⁹
Refined nickel											
(including ferro-nickel) Production	23.2	21.4	18.9	19.3	25.4	6.9	23.2	22.3	17.8	30.9	29.5

1 Unwrought copper (electrolytic, fire refined and blister).

2 Reported stocks of refined copper held by consumers and those held in London Metal Exchange (LME) warehouses in the United Kingdom.

3 Copper content.

4 Consumption for high-conductivity copper and cadmium copper wire represented by consumption of wire rods, production of which for export is also included.

5 Lead reclaimed from secondary and scrap material and lead refined from bullion and domestic ores.

6 From 1975, figures for production and consumption of refined lead include antimonial lead, and for scrap and remelted lead, exclude secondary antimonial lead.

7 Including toll transactions involving fabrication.

8 Excluding government stocks.

9 Includes values for White Lead w.e.f. 1986.

10 Including production from imported scrap and residues refined on toll.

11 Primary and secondary metal.

12 Including re-exports on toll transactions.

13 Including primary alloys.

14 Includes wrought, cast and forged products, and excludes foil products.

15 Includes foil stock and excludes foil products.

16 Excluding forging bars, wirebars, and almost two-thirds of despatches of hot rolled rod.

17 Primary and remelt alloys.

18 Despatches to consumers of primary metal, primary and remelt alloys.

19 Data no longer obtainable.

Sources Department of Trade and Industry; World Bureau of Metal Statistics; Aluminium Federation

8.18 Cotton, man-made fibres and wool

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Raw cotton¹												
Imports	Thousand tonnes	104	101	99	69	48	54	50	48	54	52	55
Home consumption: total	..	103	92	96	69	46	45	45	44	44	47	51
Stocks (end of period)	..	23	21	17	9	6	5	5	4	4	3	4
Cotton waste												
Imports	..	20.3	24.7	29.0	26.5	22.6	30.2	28.9	27.0	28.7	24.3	28.1
Cotton linters												
Imports	..	33.0	33.8	35.7	29.9	25.7	37.8	24.8	31.7	38.4	23.1	23.6
Man-made fibres²												
Production: total	..	551.8	607.2	596.3	449.7	394.7	333.6	389.3	383.3	330.2	288.0	276.7
Continuous filament yarn	..	239.3	240.6	230.6	162.6	126.3	89.3	102.6	102.5	99.1	100.8	99.0
Staple fibre	..	312.5	366.6	365.7	287.2	268.4	244.3	286.6	280.9	231.1	187.2	177.7

Footnotes see page 156.

Source Department of Trade and Industry

8.18

Cotton, man-made fibres and wool

(continued)

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Cotton and man-made fibre yarn	Thousand tonnes											
Production of single yarn:												
Cotton ³	"	84.4	79.0	79.0	61.3	42.5	42.3	40.9	38.0	38.6	39.8	41.8
Cotton mixture yarn	"	27.4	26.8	27.4	18.4	15.5	15.6	17.1	17.2	16.5	15.9	16.4
Spun man-made fibre yarn	"	45.1	43.7	41.9	31.2	25.5	26.5	28.2	28.9	30.1	31.3	33.1
Cotton waste yarn ⁴	"	13.7	12.3	11.8	10.8	8.5	8.7	9.0	9.3	9.5	8.6	9.0
Other waste yarn	"	4.8	4.8	4.3	2.3	1.9	1.7	2.1	2.6	3.8	3.9	4.1
Production of doubled yarn	"	69.8	60.6	58.0	49.1	39.8	34.1	30.6	29.8	32.6	31.8	31.4
Spindle activity ⁵ :												
Single yarn spindles:												
total (ring equivalent)	Millions	2.16	1.96	1.86	1.53	1.17	1.04	0.96	0.95	0.93	0.90	0.86
Doubling spindles	"	0.34	0.29	0.27	0.22	0.17	0.12	0.11	0.10	0.09	0.09	0.08
Yarn consumed in cotton and man-made fibre weaving:												
Cotton and waste yarns	Thousand tonnes	63.2	58.5	58.6	45.5	35.9	35.8	36.2	39.0	39.5	37.0	37.0
Mixtures yarn ⁶	"	—	—	—	—	—	15.4	16.7	15.1	15.9	17.2	15.9
Man-made fibres: total	"	90.1	82.2	82.0	62.5	50.3	45.0	41.7	45.7	50.4	51.6	52.4
Continuous filament yarn	"	72.6	63.5	62.6	50.7	39.4	35.0	31.9	35.0	37.5	38.2	37.2
Spun yarn	"	17.5	18.7	19.4	11.8	10.9	10.0	9.8	10.7	12.9	13.4	15.2
Cotton and man-made fibre weaving												
Production of woven cloth:	Million linear metres											
Cotton	"	368	380	365	314	278	261	255	265	274	275	245
Man-made fibres	"	395.7	377.8	385.6	298.9	229.9	204.8	176	182.7	206.6	217.7	214.7
Cotton/man-made fibre mixtures	"	101.7	80.6	81.4	51.2	42.9	45.7	52.3	55.9	48.1	44.7	44.6
Loom activity												
Average number of looms running on cotton and man-made fibres	Thousands	37.5	34.4	32.9	26.2	19.8	16.9	14.7	14.0	13.3	12.6	11.6
Wool												
Virgin wool (clean weight):	Million kilo-grammes											
Production ⁷	"	30	32	32	34	33	33	33	37	40	40	42
Imports	"	97	105	86 ⁷	67	76 ⁷	71 ⁷	77	82	90	83	98
Exports ⁸	"	23	23	26 ⁷	25	27 ⁷	24 ⁷	26	28	28	31	34
Stocks at 31 August	"	46	54	49	42	39	21	19	20	23	22	22
Consumption:												
Wool	"	113.5	109.0	106.0	92.3	88.2	88.1	90.0	94.9	96.6	100.2	104.0
Hair	"	9.4	8.6	7.6	6.4	6.6	5.9	6.6	7.2	7.9	7.5	8.3
Man-made fibres	"	85.6	84.2	73.8	53.1	51.6	48.8	51.5	50.4	53.9	57.6	56.2
Other fibres ⁹	"	21.4	21.0	21.0	15.0	11.5	10.1	10.1	9.0	9.3	8.8	9.8
Tops												
Production: total	"	97.6	91.8	78.9	65.8	70.1	66.5	70.3	76.0	81.8	83.6	83.1
Wool and hair	"	52.3	48.7	43.6	39.1	38.7	37.3	38.5	42.9	44.5	43.8	43.8
Man-made fibres	"	45.3	43.1	35.3	26.7	31.4	29.2	31.8	33.2	37.3	39.8	39.3
Worsted yarns ¹⁰ :												
Production	"	72.8	69.0	60.5	52.8	51.6	53.4	55.6	59.6	61.8	64.8	66.3
Semi-worsted yarns ¹⁰ :												
Production	"	8.4	8.7	8.5	7.1	7.2	8.1	9.4	6.5	7.5	10.2	12.5
Woollen yarn ⁷ :												
Production	"	106	106	105	81.2	72.0	53.4	56.2	60.5	64.3	72.9	76.7
Woven woollen and worsted fabrics ¹¹ :												
Deliveries	Million square metres	150.1	144.1	137.8	118.2	96.7	100.3	94.0	90.7	90.9	93.1	90.3
Blankets:												
Deliveries	"	22.2	22.0	18.2	15.0	9.9	9.4	8.3	9.3	8.9	6.9	6.7

TIME SERIES. Figures for consumption of raw cotton, and production and consumption of cotton and man-made fibre yarn are for periods of 52 weeks (53 weeks in 1975, 1980 and 1986).

- 1 From 1978 figures for consumption of raw cotton are for calendar months.
- 2 Figures are based on returns from producers (excluding waste) and include all man-made fibres in commercial production.
- 3 Excluding waste yarns.
- 4 Yarns wholly of cotton waste, cotton yarn spun on condenser system and mixture yarns of cotton and cotton waste.
- 5 Average of numbers running in last week of each month. Waste spinning spindles are excluded.

- 6 Figures prior to 1982 are not provided.
- 7 Estimated.
- 8 Including imported wool and wool from imported skins, scoured, etc. in the United Kingdom.
- 9 Including noils, broken tops, wastes, mungo and shoddy.
- 10 Including all yarn spun on the worsted system.
- 11 Includes mixture and man-made fibre fabrics classified as wool or worsted, but excludes blankets.

Sources Department of Trade and Industry; British man-made Fibres Federation; Wool Industry Bureau of Statistics; Textile Statistics Bureau

8.19

Packaging products of paper and board: manufacturers' sales¹
United Kingdom

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Rigid boxes	65.0	72.4	79.3	63.5	59.8	60.2	67.0	81.8	88.1	88.7	97.8
Cartons	378.6	406.1	456.5	449.5	451.6	490.7	505.4	516.6	582.5	633.2	697.2
Fibreboard packing cases:											
Solid	30.3	33.2	36.5	34.4	31.0	29.0	27.2	27.6	23.8	..	11.4
Corrugated	410.8	442.7	525.0	512.0	513.8	529.4	558.8	653.7	695.7	709.1	768.4
Paper bags	64.5	65.0	74.0	58.1	55.8	57.1	49.1	49.8	53.7	53.0	53.5
Paper carrier bags	4.2	4.3	3.6	2.8	2.3	3.6	6.8	7.2	6.7	6.4	8.2
Paper sacks	105.7	109.8	131.3	116.0	114.7	121.0	119.7	112.5	120.2	108.3	116.6

1 Up to 1979 sales are by manufacturers employing 25 or more people, and from 1980 by those employing 75 or more in the case of board products or 100 or more in the case of paper products.

Source Department of Trade and Industry

8.20

Woodpulp, paper and paper-making materials
United Kingdom

Thousand tonnes

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Woodpulp¹											
Consumption	1 683.0	1 707.9	1 706.9	1 517.2	1 357.4	1 254.7	1 277.2	1 467.4	1 409.9	1 488.5	1 552.2
Stocks (end of period)	203.3	250.3	220.9	160.3	171.6	127.0	154.4	155.4	121.3	133.7	127.0
Other paper-making materials											
Total (paper equivalent):											
Consumption	2 168.1	2 090.7	2 266.8	2 052.2	1 815.3	1 772.0	1 751.8	1 946.1	2 075.5	2 241.8	2 400.6
Stocks at pulp and paper mills only (end of period)	317.5	274.5	224.8	177.2	145.9	148.3	129.1	105.0	208.9	213.5	197.6
Homegrown pulpwood (including wood waste, chippings and rejected pitprops)											
Consumption	900.6	970.0	1 020.6	863.0	397.3	426.0	479.9	606.4	809.9	1 055.5	1 132.6
Stocks at pulp and paper mills only (end of period)	230.9	136.5	118.4	89.1	73.0	28.4	27.9	39.5	103.3	89.9	65.6
Other vegetable fibre (including straw and esparto grass)											
Consumption	13.4	11.8	11.2	12.6	24.9	22.0	18.6	19.9	21.0	18.7	21.2
Stocks at pulp and paper mills only (end of period)	6.5	7.7	7.3	3.0	5.9	4.5	3.5	4.0	6.9	6.0	2.7
Rags, waste ropes, etc.											
Consumption	36.8	32.3	25.8	16.3	3.0	6.1	8.1	9.7	8.6	8.1	9.5
Stocks at pulp and paper mills only (end of period)	7.7	7.7	6.1	2.4	1.4	3.0	2.5	3.1	2.9	1.7	1.7
Waste paper											
Consumption	2 114.7	2 109.1	2 190.6	2 014.5	1 945.4	1 880.9	1 833.6	2 004.3	2 067.1	2 156.0	2 306.4
Stocks at pulp and paper mills only (end of period)	262.3	252.8	203.8	165.8	135.4	157.4	135.8	101.7	194.3	207.1	200.8
Paper and board (excluding building board)											
Production: total	4 113.6	4 164.8	4 222.2	3 788.2	3 378.4	3 226.3	3 296.4	3 587.2	3 684.8	3 923.6	4 178.7
Paper: total	3 062.5	3 168.9	3 253.3	3 025.0	2 670.3	2 552.3	2 607.1	2 879.1	2 971.1	3 180.5	3 405.6
Newsprint	300.5	319.0	363.7	363.2	113.1	86.4	79.8	235.7	349.4	458.3	496.7
Other printings and writings	966.8	1 033.9	1 029.9	937.4	892.7	833.2	873.8	915.4	913.4	1 006.7	1 091.2
Food wrappings	49.6	45.4	44.5	36.7	37.8	33.3	26.4	24.7	21.8	14.8	16.3
Kraft wrappings	132.4	133.2	134.5	113.2	82.8	86.1	88.4	80.2	64.0	63.8	63.5
Other wrappings and packings	987.2	1 020.8	1 035.1	941.9	913.0	914.4	937.4	1 000.6	1 027.7	1 043.4	1 105.7
Household toilet papers and tissues	395.2	383.6	402.3	420.8	426.9	407.8	413.1	431.0	403.0	408.6	436.0
Other tissues	21.8	18.2	16.5	13.6	13.5	12.0	12.6	10.6	9.6	8.3	7.9
Industrial and special purpose papers	209.0	214.8	226.8	198.2	190.5	179.2	175.5	180.9	182.2	176.5	188.3
Board (excluding building board): total	1 051.1	995.9	968.9	763.2	708.1	674.0	689.3	708.2	713.8	743.1	773.1
Packaging board	767.9	749.2	746.5	586.3	546.1	503.5	511.5	535.9	537.6	537.9	542.4
Industrial and special purpose board	212.8	192.5	177.7	135.8	116.8	124.9	121.9	114.6	116.8	123.3	131.1
Other board	70.4	54.2	44.7	41.1	45.2	45.6	55.9	57.6	59.4	81.8	99.6
Stocks (end of period): total ²	216.1	215.8	212.7	190.5	210.5	191.3	187.7	205.0	233.5	231.9	223.4
Paper	180.9	176.5	169.3	161.3	176.5	161.1	152.4	172.7	200.7	194.8	192.0
Board (excluding building board)	35.2	39.3	43.4	29.2	34.0	30.2	35.4	32.3	32.8	37.1	31.4

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1982).

2 Stocks held by paper and board makers.

1 For paper-making and manufacture of cellulose wadding; woodpulp for manufacture of rayon and transparent cellulose film is not included.

Source Department of Trade and Industry

8.21

Timber
United Kingdom

Thousand cubic metres

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Softwood												
Deliveries: total	7 646	6 678	7 008	7 355	6 519	6 077	6 832	7 513	7 244	7 082	7 788	..
Imported	7 348	6 369	6 709	7 053	6 131	5 649	6 237	6 895	6 650	6 441	7 010	..
Home grown ^{1, 2}	298	309	299	302	388	428	595	618	594	641	781	819
Stocks (end of period):												
Imported	1 983	2 040	1 798	1 959	1 846	1 646	1 494	1 729	1 765	1 435	1 429	..
Hardwood												
Deliveries: total	1 000	973	1 012	1 113	874	802	814	1 029	888	893	944	..
Imported	839	813	842	964	766	717	740	951	841	830	855	..
Home grown ^{1, 2}	161	160	170	149	108	85	74	78	47	63	89	63
Stocks (end of period):												
Imported	286	282	270	300	228	223	232	272	271	249	241	..
Imported plywood												
Deliveries	1 007	892	1 059	1 159	830	972	920	1 068	1 019	1 090	1 119	..
Stocks (end of period)	221	197	196	216	142	209	130	191	212	163	247	..
Mining timber												
Production: total	492.5	499.1	513.8	509.5	560.2	556.9	564.6	539.4	181.4 ⁴	401.7	423.8	365.5
Sawn	344.4	355.2	373.5	372.3	407.6	407.2	428.3	415.2	135.6	306.8	335.9	300.2
Round	148.1	143.9	140.4	137.1	152.6	149.7	136.3	124.2	45.8	94.9	87.9	65.3
Consumption:												
Sawn	358.0	365.2	384.0	382.2	424.4	415.8	429.4	415.5	135.6	306.8	335.9	300.2
Round	255.5	233.0	215.1	202.0	214.6	198.1	175.9	149.6	48.2	101.0	94.2	68.9
Stocks (end of period):												
Sawn	49.3	58.7	55.2	57.2	70.3	54.2	64.7	61.2	62.0	43.4	43.2	30.2
Round	204.1	169.8	134.7	103.5	45.2	96.1	62.6	39.9	27.7	21.0	18.0	10.5
Wood chipboard												
Production ³	451.6	369.8	366.5	597.9	606.7	524.7	514.6	518.5	541.4	728.0	..	..
Stocks (end of period) ³	23.8	23.0	37.2	32.6	55.4	24.1	45.5	39.4	38.5	47.8	..	..

TIME SERIES. Figures for wood chipboard relate to periods of 52 weeks (53 weeks in 1976 and 1982).

1 Up to and including 1979 sales of home-grown timber and of plywood are by firms employing 25 or more people and from 1980 by firms employing 35 or more people.

2 Home-grown excludes mining timber and relates to sawn and planed only. From 1976, home-grown hardwood also excludes planed timber.

3 Up to and including 1978 woodchip board figures are in thousand tonnes.

4 Reduction due to the miners' strike.

Sources Department of Trade and Industry; Timber Trade Federation

8.22

Synthetic rubber, carbon black and rubber products¹
United Kingdom

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Synthetic rubber												
UK manufactures sales	Thousand tonnes											
Synthetic rubber: total	"	..	..	..	..	220.7	202.8	209.8	237.0	220.7	242.4	246.0
Solid	"	..	..	..	..	139.6	139.0	145.3	165.9	162.4	182.9	178.5
Latex	"	..	..	..	..	81.1	63.8	64.5	71.1	58.3	59.5	67.5
Carbon black												
Production ²	"	193.2	198.9	199.9	172.3	152.5	.. ³	.. ³	.. ³	.. ³	.. ³	.. ³
Rubber products												
UK manufactures sales	£ million											
Rubber products: total	"	1 413.9	1 551.3	1 718.9	1 637.8	1 483.1	1 445.9	1 509.8	1 538.8	1 682.1	1 815.1	1 981.0
New tyres	"	534.0	558.4	611.8	650.9	588.3	574.5	608.7	609.0	662.4	742.2	823.1
Retreads	"	50.3	52.0	54.8	43.0	40.7	38.0	47.3	53.6	56.1	57.8	63.4
Tubes ⁴	"	21.6	24.5	26.3	27.8	24.2	26.5	22.1	22.9	19.6	10.6	11.1
Belting	"	87.4	90.1	104.5	118.9	103.1	114.0	104.4	88.0	89.1	89.2	89.2
Hose/tubing	"	117.9	126.8	142.6	131.9	127.1	126.9	122.6	125.9	144.6	152.6	163.6
Other products	"	602.7	699.5	778.9	665.6	599.7	566.0	604.7	639.4	710.3	762.7	830.6

1 Figures prior to 1981 for synthetic rubber/carbon black and rubber products relate to establishments with minimum employment levels of 25 persons. From 1981 minimum employment levels for carbon black and rubber products are 75 and 100 respectively; except for those establishments producing new tyres and tubes whose minimum employment level is 300 persons.

2 Including lamp and vegetable black; excluding acetylene and bone black.

3 Data no longer published.

4 Figures include Repair Kits/materials and moulded solid rubber tyres with or without metallic bondings.

Source Department of Trade and Industry

8.23

Fertilisers

Years ended 31 May

	Thousand tonnes											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Deliveries to UK agriculture												
N (nitrogen):—nutrient content												
Straight	..	581	579	638	701	695	785	896	857	903	886	989
Compounds	..	509	538	522	544	468	476	529	476	471	450	488
P ₂ O ₅ (phosphate)	355	377	388	394	394	372	379	407	395	404	366	393
K ₂ O (potash)	414	385	393	395	425	388	407	467	465	477	437	484
Compounds—total weight	2 746	3 077	3 062	3 024	3 120	2 819	2 922	3 260	3 082	3 167	2 969	3 197

Sources Department of Trade and Industry; Fertiliser Manufacturers Association

8.24

Synthetic dyestuffs, colours, paint, varnish and allied products¹

	Unit	1976	1977	1978	1979	1980	1981 ¹	1982	1983	1984	1985	1986	1987
Dyestuffs and pigments	Thousand tonnes												
Finished synthetic dyestuffs	"	52.0	53.7	48.3	53.2	46.2	42.6	42.4	42.1	43.5	42.9	46.0	51.3
Synthetic organic pigments	"	16.7	16.9	15.8	15.7	13.0	10.5	9.8	11.9	.. ⁴	.. ⁴	.. ⁴	.. ⁴
Inorganic pigment colours	"	22.3	21.3	19.7	20.3	17.0	13.2	11.9	13.6	12.8	12.2	11.1	12.1
Ochres and mineral colours	"	22.8	26.6	27.9	21.5	16.0	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴
Titanium dioxide	"	191.4	198.1	205.3	192.9	186.7	169.6	172.3	194.9	206.0	219.1	229.9	255.6
White lead	"	1.1	0.9	0.8	0.5	0.4	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴	.. ⁴
Paint, varnish and allied products													
Sales by larger establishments	Million												
All paints and varnishes: total	litres	585.2	612.0	630.4	660.0	596.0	523.0	533.1	541.5 ⁵	560.7	573.2	599.9	643.1
Emulsion paints	"	170.1	174.4	184.9	183.1	173.4	158.2	171.5	178.2	186.4	202.3	210.7	230.6
Other aqueous paints	"	25.7	27.3	27.0	21.6	23.7	33.9	38.0	39.3	41.4	45.1	47.1	60.5
Cellulose based varnishes, lacquers and clear solutions and pigmented cellulose paints	"	42.4	48.7	46.6	51.4	40.2	32.2	26.2	28.9	29.4	26.8	31.7	35.6
Varnishes, lacquers and stains (other than cellulose)	"	5.5	6.5	7.8	10.5	8.9	9.2	9.4	10.0	9.6	10.1	11.1	9.5
Others ²	"	341.5	355.1	364.1	393.4	349.8	289.5	287.9	285.0 ⁵	293.9	288.9	299.3	306.9
Manufactured thinners (solvent mixtures), removers and strippers ³	"	52.3	54.7	58.8	71.8	66.3	60.2	57.0	61.0	63.4	61.1	63.4	62.2
Mastics and putty	Mn. kilo-grammes	65.0	57.4	65.9	64.3	65.1	64.6	73.5	76.8	85.5	100.2	119.8	142.2

1 Figures relate to sales by manufacturers in the United Kingdom employing 25 or more persons and from 1981 those with a minimum employment of 50.

2 Including oil and/or synthetic based non-aqueous products, marine paints, and bituminous paints. Figures prior to 1981 include paste fillers.

3 Removers and strippers are excluded from 1975 to 1978 data.

4 Data no longer published.

5 1983 is an estimated figure.

Source Department of Trade and Industry

8.25 Inorganic chemicals

	Thousand tonnes											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Materials used for the manufacture of sulphuric acid												
Zinc concentrates:												
Consumption	129.3	208.4	178.5	215.8	242.6	188.7	210.1	238.1	243.6	237.3	242.8	220.7
Spent oxide:												
Consumption	12.0	11.1	12.5	9.3	10.6	7.6	6.1	6.6	1.3	..	..	..
Stocks (end of period)	7.3	7.8	4.7	3.1	0.9	0.8	8.1	4.7	4.7	..	..	..
Sulphur:												
Consumption (for acid production) ¹	1 056.4	1 078.6	1 104.0	1 106.9	1 058.6	926.0	805.0	824.2	828.1	784.9	719.2	657.9
Stocks (end of period) ¹	55.6	44.1	53.2	41.0	48.7	50.5	36.7	32.1	45.8	31.0	18.8	21.1
Sulphuric acid²												
Production	3 271.2	3 404.9	3 453.1	3 498.1	3 380.7	2 888.9	2 587.3	2 628.7	2 654.2	2 525.1	2 329.8	2 157.7
Consumption ³ : total	3 561.2	3 536.6	3 450.5	3 504.3	3 241.2	2 899.2	2 586.6	2 809.7	2 786.4	2 667.0	2 479.6	2 335.3
Fertilisers	1 097.4	1 057.1	1 096.3	1 072.0	1 042.8	901.2	749.3	857.1	739.4	661.3	508.4	335.8
All other chemical uses ⁴	1 691.5	1 780.5	1 652.4	1 719.3	1 571.7	1 998.0	1 837.3	1 952.6	2 047.0	2 005.7	1 971.1	1 999.5
Metallurgy	83.8	79.1	74.4	69.0	50.4	..	..	..	..	..	..	..
Other (incl. Textiles)	688.5	619.9	627.4	644.0	576.3	..	..	..	..	..	..	..
Stocks (end of period)	172.3	162.2	174.8	139.3	145.0	151.2	122.3	113.0	118.8	106.9	91.5	72.7

1 Filter cake and boiler bottom are included.
2 As 100 per cent acid.

3 Including recovered and imported acid.
4 Figures from 1981 include Metallurgy and other (incl. Textiles).

Source Department of Trade and Industry; National Sulphuric Acid Association

8.26 Organic chemicals: production¹

	Thousand tonnes ²											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Ethylene ³	1 286.1	1 137.5	1 095.7	1 233.6	1 094.9	1 235.5	1 115.4	1 154.6	1 324.3	1 446.5	1 740.1	1 797.9
Propylene ³	747.5	659.6	670.8	765.8	572.7	736.6	824.2	831.9	975.8	973.2	864.2	872.8
Butadiene ³	230.2	221.7	209.4	227.1	191.9	207.9	228.8	237.7	259.2	297.6	192.9	231.4
Benzene ⁴	928.0	844.6	790.7	1 056.3	825.5	751.9	569.5	725.9	754.7	834.9	852.8	911.6
Toluene ⁵	273.1	212.9	199.5	293.7	170.1	179.0	⁸	⁸	⁸	164.8	..	..
Formaldehyde ⁶	132.7	146.1	131.6	137.8	123.9	113.0	107.2	97.8	103.6	123.7	103.2	113.5
Propyl alcohols	130.9	154.3	145.2	135.7	61.4	⁹						
Acetone	149.0	143.7	145.6	146.9	122.6	111.2	135.3	121.8	161.5	146.8	123.2	117.9
Phenol (synthetic)	184.6	168.1	169.1	178.6	..	109.7	140.0	143.2	184.4	117.5	52.9	..
Phthalic anhydride	..	98.2	90.9	94.4	46.3	61.1	73.0	⁹				
Ethyl alcohol ⁷ (Thousand hectolitres of alcohol)	2 496.1	2 710.8	2 982.6	2 808.7	1 810.6	1 839.4	2 071.5	2 398.1	3 043.3	2 509.5	2 538.0	

1 Figures relate to total production i.e. 'captive use' is included.
2 Except for Ethyl alcohol which is measured in thousand hectolitres of alcohol.
3 Produced from oil base, other than for use as fuel.
4 Includes production obtained by dealkylation of toluene (excludes production from coal).
5 Includes that used for the production of benzene, but excludes production from coal.
6 Including paraformaldehyde (expressed as 100 per cent formaldehyde).
7 Industrial alcohol made from molasses and derived from other processes. The figures include a small quantity of beverage spirits produced by rectification of spirits distilled from molasses. In the financial year ended 31 March 1985 this amounted to about 13.21 thousand hectolitres of alcohol a month.
8 Figures suppressed for disclosure reasons.
9 No longer published in the *Business Monitor* series.

Sources Department of Trade and Industry; HM Customs and Excise

8.27 Production of synthetic resins¹

	Thousand tonnes											
	1976	1977	1978	1979	1980	1981 ²	1982	1983	1984	1985	1986	1987
All synthetic resins	2 560.8	2 571.3	2 614.9	2 646.5	2 259.3	1 972.8 ⁴	1 664.4 ⁴	1 411.7 ⁴	1 559.2 ⁴	1 698.9 ⁴	1 080.9 ⁴	1 626.3 ⁴
Products of condensation, poly-condensation and polyaddition	864.8	864.7	895.7	880.1	729.9	673.3	617.0	466.5 ⁴	595.5 ⁴	608.0 ⁴	382.2 ⁴	655.2 ⁴
Alkyds (including styrenated alkyds and unsaturated polyesters):												
Solid and liquid alkyd resins including solutions, emulsions and dispersions (net resin content including oil but excluding solvent)	125.9	132.0	123.1	129.8	111.8	102.5	99.1	98.0	97.8	79.2	78.5	80.8
Unsaturated polyester resins (including reactive monomer, but excluding filler)	62.9	59.0	60.8	59.6	48.4	51.0	48.6	50.2	52.1	55.0	58.7	66.8
Aminoplastics:												
Alkylated resin solutions (actual weight including solvent)												
Solid resins												
Other liquid resins and solutions (actual weight including solvent)	172.1	178.4	167.2	164.5	164.8	155.1	139.4	143.7	161.0	157.2	167.6	183.9
Phenolics:												
Straight liquid resins, including aqueous solutions and dispersions (actual weight including water)	25.7	29.5	25.0	26.9	15.9	17.1	17.3	18.5	15.7	15.6	14.5	14.3
Straight resins, solid or in organic solution	20.9	22.5	22.3	21.6	20.7	18.3	20.2	21.5	18.4	19.3	18.4	26.4
Modified resins, including those in solution	6.6	5.9	5.7	6.2	4.6	4.1	3.8	3.6	4.6	4.1	.. ⁵	
Polyurethanes	69.9	78.9	81.5	85.2	73.2	75.0	83.9	93.3	.. ⁵	.. ⁵	.. ⁵	.. ⁵
Epoxide resins (net resin content excluding added non-reactive solvent and/or filler)	20.1	21.4	24.1	27.0	27.0	28.4	27.7	37.7	36.3	43.7	44.5	47.9
Other ³	360.5	337.1	386.0	359.3	263.5	222.0	177.0	.. ⁵	209.6	233.9	.. ⁵	235.1
Products of polymerisation and co-polymerisation	1 583.9	1 597.2	1 611.1	1 665.2	1 323.4	1 207.7 ⁴	972.8 ⁴	884.8 ⁴	893.2 ⁴	1 019.5 ⁴	627.2 ⁴	902.4 ⁴
Acrylics:												
Lattices, dispersions and solutions												
Moulding and extrusion compounds, cast sheet, cast rod and cast tube (based on methyl methacrylic monomer)	46.1	60.9	68.3	71.3	58.7	50.3	63.7	59.3	67.8	69.0	75.8	102.0
Polyolefines:												
Polyethylene	474.4	489.4	428.4	483.6	434.8	454.4	425.8	407.2	406.1	520.1	427.4	401.1
Polypropylene	250.7	248.2	292.3	263.4	190.4	197.5	221.4	229.9	258.2	269.0	.. ⁵	278.7
Polyvinyl acetate, including solutions and dispersions (net resin content excluding plasticiser)	85.7	105.3	116.5	113.4	93.9	94.8	92.8	91.6	100.2	103.2	117.4	120.6
Polyvinyl chloride (including lattices, solutions and dispersions)	417.2	386.4	410.1	440.2	349.7	314.8	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵
Styrene polymers and co-polymers:												
Non-toughened straight polystyrene resins, moulding and extrusion compounds	59.9	59.4	53.3	48.9	39.5	36.9	22.0	29.8	.. ⁵	.. ⁵	.. ⁵	.. ⁵
Toughened grades of resins, moulding and extrusion compounds	116.0	102.0	109.6	100.8	67.0	59.0	61.2	67.0	60.9	58.2	.. ⁵	.. ⁵
Other, including solutions, emulsions and dispersions, co-polymer resins and non-toughened co-polymer moulding and extrusion compounds but excluding styrene-butadiene co-polymers	64.7	67.5	46.2	66.8	50.6	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵
Other	69.3	78.1	86.4	76.8	38.8	.. ⁵	85.9	.. ⁵	.. ⁵	.. ⁵	.. ⁵	.. ⁵
Cellulosics and other plastics and modified natural resins	112.1	109.4	108.1	101.2	93.6	91.8	74.6	57.0 ⁴	70.5	71.4	71.5	68.7
Regenerated cellulose film	81.4	77.7	79.8	73.8	78.8	76.7	62.6	57.0	54.6	55.0	52.9	49.3
Other cellulosics and other plastics and modified natural resins (including casein, alginates and resin ester gums)	30.6	31.7	28.3	27.4	14.8	15.1	12.0	.. ⁵	15.9	16.4	18.6	19.4

1 Unless separately specified, all figures are in terms of net resin content and co-polymers are recorded against the heading for resins made from the major monomeric ingredient of the co-polymer.

2 From 1981 figures relate to establishments with a minimum employment level of 75. Previous figures were based on a minimum of 25 persons.

3 Includes production of polymers and co-polymers of polyamide and polyester by firms classified to man-made fibre industry.

4 Totals do not include suppressed figures.

5 Data suppressed for disclosure reasons.

8.28

Minerals: production
Great Britain

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Limestone ¹	81 500	83 839	86 655	72 423	62 850	69 114	75 753	75 533	77 567	81 207	93 912
Sandstone	9 015	10 026	10 519	9 788	9 611	10 803	12 199	12 529	10 870	11 337	13 816
Igneous rock	26 708	27 807	29 098	28 497	25 323	29 987	30 733	29 969	31 720	34 038	39 616
Clay/shale	23 250	25 473	21 644	19 825	18 799	20 323	22 403	17 817	18 909	17 169	17 763
Industrial sand	6 283	6 224	5 829	5 708	4 451	4 123	4 026	4 328	4 178	4 108	4 029
Chalk	15 780	16 321	15 945	13 732	11 756	11 616	12 430	12 022	12 023	12 511	13 444
Fireclay	1 499	1 404	1 710	1 217	992	850	689	757	831	940	900
Barium sulphate	56.8	54.4	45.5	53.9	63.3	81.1	36.0	62.7	107.3	86.8	76.8
Calcium fluoride	205.6	189.3	153.6	186.1	255.5	200.8	131.3	136.7	167.4	133.4	120.4
Copper	0.5	0.1	..	0.2	0.6	0.6	0.7	0.7	0.6	0.6	0.8
Lead	8.2	4.6	4.7	3.6	7.0	4.0	3.8	2.4	4.0	0.6	0.7
Tin	4.2	3.2	2.7	3.3	3.7	4.2	4.0	5.2	4.3	3.8	2.0
Zinc	7.5	2.7	0.6	4.4	10.9	10.2	8.9	7.5	5.3	5.7	6.6
Iron ore: crude	3 781	4 254	4 272	960	703	392	262	246	147	291	246
Iron ore: iron content	891	1 116	1 130	225	162	85	57	53	31	77	56
Calcspar	14	13	21	18	20	18	10	7	6	10	..
China clay (including ball clay)	4 343	4 199	4 444	3 964	3 508	3 358	3 346	3 607	3 762	3 780	4 054
Chert and flint	39	52	47	14	10	..	174	17	22	14	16
Fuller's earth	223	218	..	..	205	243	267	286	292	248	..
Lignite	1	8	..	..	..	..	1	2	5	7	6
Rock salt	905	1 311	1 590	1 746	1 350	2 209	1 316	1 569	2 030	2 040	..
Salt from brine	1 871	1 760	1 915	1 608	1 454	1 554	1 394	1 423	1 552	1 510	..
Salt in brine	5 426	4 239	4 315	3 800	3 916	3 874	3 601	4 134	3 563	3 305	..
Anhydrite	25	92	..	76	47	67	51	56	59	53	..
Dolomite ²	2 556	..	2 937	14 060	13 936	13 727	14 983	14 228	14 953	15 851	17 280
Gypsum	3 236	3 230	..	3 371	2 897	2 674	2 916	3 082	3 130	3 363	..
Slate ³	1 823	945	513	225	350	785	494	157	158	242	322
Soapstone and talc	15	18	17	17	18	19	16	19	20	12	13
Sand and gravel (land-won)	87 900	90 196	89 267	83 624	77 951	79 287	88 002	87 092	87 813	90 215	94 499
Sand and gravel (marine dredged)	11 328	12 159	13 488	12 534	11 501	11 919	12 797	12 582	13 792	15 284	16 220

1 Prior to 1980, includes dolomite for constructional uses.

2 Prior to 1980, figures relate to dolomite and high magnesium limestone for special uses only.

3 Includes waste used for constructional fill, and powder and granules used in manufacturing.

Source Business Statistics Office

Northern Ireland

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Chalk	473	410	320	317	..	..	..	..	..	..	..
Clay and shale	295	..	..	..	..	..	..	..	..	397	409
Sand and gravel	3 931	4 127	4 300	3 807	3 738	3 665	3 207	3 506	3 627	4 226	3 634
Basalt and igneous rock (other than granite)	8 812	7 443	7 080	6 179	5 449	6 151	6 140	6 856	6 717	6 731	6 380
Limestone	2 316	2 465	2 602	2 290	2 281	2 609	3 249	3 707	3 057	3 436	3 041
Grit and conglomerate	3 186	3 364	3 025	2 809	2 622	2 524	2 532	2 578	2 307	2 693	2 573
Diatomite	..	..	..	..	..	..	..	..	..	..	..
Granite	107	..	..	..	..	..	..	..	..	189	107
Sandstone	..	..	..	..	..	..	..	..	..	..	..
Rock salt	..	..	..	..	..	..	..	..	..	..	..

Source Department of Economic Development (Northern Ireland)

8.29

Building materials and components: production¹
Great Britain

	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Building bricks (excluding refractory and glazed)	Millions	5 406	5 067	4 842	4 887	4 562	3 725	3 517	3 806	4 012	4 100	3 971	4 222 ¹⁰
Cement ²	Thousand tonnes	15 780	15 457	15 916	16 140	14 805	12 729	12 962	13 396	13 481	13 339	13 413	.. ¹¹
Building sand ^{3, 4}	..	20 431	18 608	18 510	18 983	18 005	15 675	17 044	19 151	18 187	18 346	20 423	21 900 ¹¹
Concreting sand ⁴	..	31 118	27 483	29 164	29 455	26 699	25 427	25 242	26 720	28 172	28 694	30 347	31 200 ¹¹
Gravel ^{4, 5}	..	58 405	53 138	54 426	54 056	51 454	48 351	48 920	54 929	53 316	54 564	54 729	57 800 ¹¹
Crushed rock aggregates: ⁶	Thousand tonnes												
used as roadstone (coated)		14 577	14 374	13 910	14 413	14 366	13 179	17 739	18 562	17 424	18 188	19 239	..
roadstone (uncoated)	..	37 548	35 756	37 807	41 785	42 896	35 949	35 259	38 522	36 660	41 168	44 185	..
fill and ballast	..	29 973	29 227	31 131	31 722	31 619	31 049	37 129	40 416	42 234	42 426	45 227	..
concrete aggregate	..	16 227	15 259	15 872	15 588	13 653	11 205	12 721	14 582	14 360	13 214	13 715	..
Ready mixed concrete ²	Million m ³	24.5	23.5	23.8	24.4	22.4	19.9	20.7	21.5	20.8	21.6	21.5 ¹²	24.4
Fibre cement products	Thousand tonnes	443.9	449.9	428.8	405.5	352.2	265.6	261.7	239.5	255.5	252.6	217.4	205.4
Clay roofing tiles ^{2, 7}	Thousand m ²	1 170	1 192	1 207	2 265	1 698	1 635	1 632	2 206	..	2 144 ³	2 587	..
Concrete roofing tiles	..	29 839	24 151	27 899	28 263	28 813	23 345	25 551	33 243	34 685	27 870	30 843	34 707
Concrete building blocks: ²													
dense aggregate	..	18 092	19 206	20 780	22 298	21 014	18 911	23 918	29 186	31 907	30 431	33 483	34 822
lightweight aggregate	..	31 210	27 118	29 937	28 407	23 779	20 896	23 395	25 544	24 378	21 867	27 515	30 482
aerated concrete	..	20 461	20 542	20 343	22 385	22 027	15 758	16 372	20 912	25 358	22 147	26 156	27 384
Concrete pipes ^{2, 7}	Thousand tonnes	1 374	1 111	1 158	1 063	692	648	694	744	701	571	630 ¹²	533
Roofing slates ⁸	..	15.8	14.3	15.0	14.5	17.7	16.3	22.7	18.4	22.0	34.0	34.7	45.6
Slates (damp-proof course) ⁸	..												
Gypsum (excluding anhydrite)	..	3 148	3 136	3 144	3 396	3 264	2 667	2 566	2 978	3 155	3 074	3 253	..
Plaster	..	1 053	988	975	949	960	775	764	855	912	876	912	..
Plasterboard	Thousand m ²	116 999	101 827	114 120	113 961	111 132	101 987	107 867	120 819	127 668	122 599	134 501	..
Unglazed floorquarries ^{2, 7}	Thousand m ²	1 019	1 155	1 273	1 220	1 123	1 007	949	1 013	1 000	900	932	..
Unglazed tiles ^{2, 7}	..	1 769	1 900	2 025	2 099	2 332	2 085	1 357	1 146	1 277	1 263	1 350	..
Copper tubing ^{2, 9}	Thousand tonnes	73	73	80	79	69	68	72	74	.. ¹⁰	..	..	..

1 The figures are summaries of returns made by manufacturers and producers. They represent total production and not merely the quantities available for building purposes.

2 United Kingdom.

3 Including sand used in the production of sand lime bricks.

4 From 1979 figures represent volume sold, not production.

5 Figures include hoggins, concrete aggregate, other purposes (excluding fill) and fill.

6 From 1979 figures represent volume sold, not production.

7 Figures represent volume sold, not production.

8 From 1985 figures refer to slates used for architectural and cladding uses, roofing and damp proof courses.

9 Figures relate to the production of copper tubes for all purposes including those used in the construction industry.

10 Series discontinued.

11 Provisional.

12 Revised.

Sources *Department of the Environment; Business Statistics Office; Department of Trade and Industry; World Bureau of Metal Statistics*

8.30

Construction: value of output in Great Britain

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All work: total	13 309	15 702	18 871	22 052	21 547	22 540	24 343	26 203	27 850	30 123	34 580
New work: total	8 972	10 313	11 722	13 055	12 354	12 629	13 396	14 192	14 921	16 286	19 066
New housing: total	3 545	4 124	4 384	4 296	3 738	3 920	4 849	4 908	4 766	5 539	6 745
For public sector	1 717	1 749	1 711	1 711	1 222	1 021	1 120	1 077	918	842	933
For private sector	1 828	2 375	2 673	2 585	2 516	2 899	3 729	3 831	3 848	4 697	5 812
Other new work: total	5 427	6 189	7 338	8 760	8 616	8 709	8 546	9 285	10 154	10 747	12 321
For public sector	2 603	2 764	3 068	3 524	3 572	3 671	3 729	3 833	3 786	3 888	3 870
For private sector: total	2 824	3 425	4 270	5 236	5 044	5 038	4 817	5 452	6 368	6 859	8 451
Industrial	1 512	1 802	2 351	2 806	2 382	2 087	1 850	2 342	2 848	2 632	3 204
Commercial	1 312	1 623	1 919	2 430	2 662	2 951	2 967	3 110	3 520	4 226	5 247
Repair and maintenance: total	4 337	5 389	7 148	8 997	9 193	9 911	10 948	12 011	12 930	13 837	15 515
Housing	2 069	2 571	3 601	4 480	4 568	4 970	5 622	6 251	6 809	7 427	8 360
Public other work	1 528	1 854	2 269	2 920	3 026	3 285	3 548	3 746	3 800	3 768	4 042
Private other work	740	964	1 278	1 597	1 599	1 656	1 777	2 014	2 321	2 642	3 112

Note:

- (i)
- Output by contractors, including unrecorded estimates by small firms and self-employed workers, and by the public sector's direct labour departments classified to construction in the *Standard Industrial Classification, Revised 1980*.

Source Department of the Environment

8.31

Construction: value of new orders obtained by contractors¹
Great Britain

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ³
New work: total	7 182	8 927	10 024	10 110	10 722	11 443	13 518	14 630	15 343	17 108	22 119
New housing: total	2 627	3 231	3 321	2 702	2 685	3 912	5 063	4 877	5 290	6 193	7 344
From public sector	1 173	1 271	1 056	758	672	984	985	876	734	772	903
From private sector	1 455	1 960	2 265	1 944	2 013	2 928	4 078	4 001	4 555	5 421	6 441
Other new work: total	4 555	5 696	6 703	7 408	8 037	7 531	8 455	9 753	10 054	10 916	14 775
From public sector: total	2 188	2 618	2 920	3 243	3 689	3 432	4 175	4 150	3 877	4 142	4 513
Gas, electricity, coalmining	220	247	291	390	431	280	287	161	253	229	301
Railways and air transport	121	120	78	173	275	82	136	222	195	348	204
Schools	251	231	305	292	239	219	326	338	297	305	317
Universities	24	26	26	38	42	32	34	31	45	59	52
Health	202	261	287	320	478	467	444	619	491	430	492
Offices, factories, etc.	327	585	582	589	519	584	691	750	617	638	688
Roads	392	424	466	562	781	770	799	849	802	853	894
Harbours and waterways	98	108	111	97	95	95	122	100	109	132	233
Water	96	78	82	67	129	110	128	117	104	160	155
Sewerage	142	184	196	227	211	221	304	256	257	268	251
Miscellaneous	316	354	497	487	489	574	905	706	709	720	925
From private sector: total ²	2 367	3 078	3 783	4 165	4 348	4 099	4 280	5 603	6 176	6 774	10 262
Industrial: total	1 188	1 447	1 864	1 803	1 554	1 327	1 543	2 203	2 149	1 993	3 660
Commercial: total	1 179	1 631	1 919	2 362	2 794	2 772	2 737	3 400	4 028	4 781	6 602
Offices	524	678	821	1 045	1 451	1 414	1 209	1 601	1 775	2 256	3 110
Shops	270	380	414	536	531	521	549	702	1 022	1 102	1 616
Entertainment	161	248	308	342	388	382	363	564	577	739	991
Garages	55	99	114	125	98	134	166	171	133	190	228
Schools and colleges	29	35	60	44	48	48	67	65	85	72	87
Miscellaneous	140	191	202	270	278	273	384	296	435	422	570

1 Classified to construction in the *Standard Industrial Classification, Revised 1980*.

2 Figures for private sector include work to be carried out by contractors on their own initiative for sale.

3 Orders for 1987 include the Channel Tunnel project in the private industrial sector.

Source Department of the Environment

8.32

Metal goods, engineering and vehicles industries
Estimated total sales of UK manufactured goods^{1, 2}
Standard Industrial Classification 1980

£ millions											
	Activity heading	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Division 3											
Manufacture of metal goods not elsewhere specified ³											
Class 31											
Total		5 391	6 043	6 014	5 918	6 420	7 012	7 766	8 095	8 506	9 199
Forging, pressing and stamping	3120	962	1 073	1 054	885	935	1 014	1 158	1 167	1 208	1 313
Bolts, nuts, washers, rivets, springs and non-precision chains	3137	479	471	450	410	424	470	515	532	553	589
Heat and surface treatment of metals, (including sintering)	3138	305	331	331	273	339	372	446	515	495	561
Metal doors, windows, etc.	3142	277	351	486	502	532	600	675	573	631	668
Hand tools and implements	3161	167	178	172	191	190	211	215	236	229	259
Cutlery, spoons, forks and similar tableware; razors	3162	74	74	79	80	81	89	101	109	105	103
Metal storage vessels (mainly non-industrial)	3163	60	66	66	68	71	77	64	63	71	78
Packaging products of metal	3164	1 085	1 212	1 132	1 108	1 202	1 311	1 462	1 539	1 600	1 661
Domestic heating and cooking appliances (non-electrical)	3165	200	223	226	242	251	279	291	319	350	365
Metal furniture and safes	3166	293	376	373	356	370	413	457	483	539	568
Domestic utensils of metal	3167	207	214	220	171	166	176	183	192	216	200
Miscellaneous finished metal products	3169	1 282	1 474	1 425	1 632	1 859	2 000	2 199	2 363	2 509	2 834
Mechanical engineering ⁴											
Class 32											
Total		13 126	14 470	15 094	14 821	16 139	17 084	18 285	19 800	20 333	21 608
Fabricated constructional steelwork	3204	773	957	916	1 013	1 286	1 370	1 395	1 513	1 474	1 784
Boilers and process plant fabrications	3205	914	1 053	1 097	1 251	1 598	1 864	1 621	1 577	1 784	1 806
Agricultural machinery	3211	297	308	277	247	277	322	279	302	256	276
Wheeled tractors	3212	806	973	908	914	882	916	1 016	982	894	1 032
Metal-working machine tools	3221	601	664	705	565	598	562	683	822	839	882
Engineers' small tools	3222	545	617	698	580	566	556	649	770	789	815
Textile machinery	3230	282	294	255	256	230	219	306	307	324	323
Food, drink and tobacco processing machinery; packaging and bottling machinery	3244	391	429	457	430	493	521	521	538	585	615
Chemical industry machinery; furnaces and kilns; gas, water and waste treatment plant	3245	351	380	395	357	388	397	395	439	504	495
Mining machinery	3251	501	599	643	599	720	630	507	631	789	672
Construction and earth moving equipment	3254	869	954	941	1 023	940	839	876	1 011	1 003	983
Mechanical lifting and handling equipment	3255	1 044	1 163	1 218	1 038	1 166	1 422	1 586	1 747	1 753	1 825
Precision chains and other mechanical power transmission equipment	3261	420	449	524	508	474	472	552	648	684	775
Ball, needle and roller bearings	3262	195	214	248	214	210	195	206	229	253	272
Machinery for working wood, rubber, plastics, leather and making paper, glass, bricks and similar materials; laundry and dry cleaning machinery	3275	321	349	354	259	328	351	380	458	485	518
Printing, bookbinding and paper goods machinery	3276	297	346	342	351	363	364	433	580	639	689
Industrial (including marine) engines	3281	751	663	786	879	904	764	920	877	778	773
Compressors and fluid power equipment	3283	538	549	623	549	593	598	713	778	801	827
Refrigerating, space-heating, ventilating and air-conditioning equipment	3284	771	867	858	801	961	1 052	1 181	1 267	1 323	1 532
Scales, weighing machinery and portable power tools	3285	181	230	248	249	222	237	233	268	271	348
Miscellaneous industrial and commercial machinery	3286	458	515	555	539	608	630	650	767	863	1 113
Pumps	3287	335	352	387	394	409	384	409	474	471	473
Industrial valves	3288	290	332	360	406	432	414	401	456	475	446
Miscellaneous mechanical marine and precision engineering	3289	632	680	724	777	749	1 158	1 538	1 553	1 508	1 506
Ordnance, small arms and ammunition	3290	563	533	575	622	742	847	835	806	788	828
Manufacture of office machinery and data processing equipment											
Class 33											
Total		877	1 107	1 174	1 160	1 392	1 653	2 656	3 628	3 199	4 591
Office machinery	3301	116	123	121	113	114	118	137	169	216	269
Electronic data processing equipment	3302	761	984	1 053	1 047	1 278	1 535	2 519	3 459	2 983	4 322

See footnotes on page 166.

8.32

Metal goods, engineering and vehicles industries

Estimated total sales of UK manufactured goods^{1, 2}

(continued)

Standard Industrial Classification 1980

£ million

	Activity heading	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Electrical and electronic engineering⁵											
Class 34											
Total		8 702	9 713	10 825	11 055	12 077	13 390	15 056	16 483	17 678	18 709
Insulated wires and cables	3410	666	795	904	910	966	1 051	1 141	1 256	1 268	1 413
Basic electrical equipment	3420	1 758	1 799	2 040	1 949	2 186	2 193	2 342	2 367	2 883	2 782
Batteries and accumulators	3432	302	329	343	309	335	298	324	367	361	406
Alarms and signalling equipment	3433	139	171	191	188	184	237	246	301	338	418
Electrical equipment for motor vehicles, cycles and aircraft	3434	462	495	480	416	456	514	613	711	710	791
Miscellaneous electrical equipment for industrial use	3435	205	238	238	225	252	241	299	339	320	316
Telegraph and telephone apparatus and equipment	3441	591	693	944	1 128	1 275	1 418	1 475	1 668	1 750	1 667
Electrical instruments and control systems	3442	522	598	667	737	837	974	1 081	1 301	1 354	1 472
Radio and electronic capital goods	3443	988	1 173	1 481	1 760	1 962	2 163	2 472	2 851	2 969	3 145
Components other than active components, mainly for electronic equipment	3444	509	617	748	664	754	831	1 064	1 128	1 154	1 238
Gramophone records and pre-recorded tapes	3452	143	154	135	130	129	148	194	236	304	394
Active components and electronic sub-assemblies	3453	664	758	712	655	676	869	1 092	1 139	1 149	1 169
Electronic consumer goods and miscellaneous equipment	3454	545	551	523	545	586	735	873	885	993	1 082
Domestic-type electric appliances	3460	799	890	936	915	920	1 083	1 140	1 208	1 327	1 540
Electric lamps and other electric lighting equipment	3470	409	452	483	524	559	635	700	726	798	876
Manufacture of motor vehicles and parts thereof											
Class 35											
Total		7 964	8 597	8 349	7 803	8 373	8 712	9 696	11 129	11 853	14 786
Motor vehicles and their engines	3510	4 425	4 761	4 603	4 420	4 854	4 786	5 505	6 762	7 229	9 521
Motor vehicle bodies and vehicle parts	3521 and 3530	3 107	3 353	3 338	3 051	3 179	3 509	3 705	3 858	4 079	4 582
Trailers, semi-trailers and caravans	3522/3	432	483	408	332	340	417	486	509	545	683
Manufacture of other transport equipment⁶											
Class 36											
Total		2 439	2 885	4 090	4 688	5 099	5 105	5 491	6 264	7 201	8 675
Railway and tramway vehicles	3620	216	308	341	355	344	286	247	242	273	270
Aerospace equipment manufacturing, repairing and modification	3640	2 182	2 528	3 701	4 288	4 698	4 757	5 167	5 934	6 841	8 306
Baby carriages and wheelchairs	3650	41	49	48	45	57	62	77	88	87	99
Instrument engineering											
Class 37											
Total		1 312	1 466	1 597	1 558	1 772	1 962	2 178	2 377	2 522	2 641
Measuring, checking and precision instruments and apparatus	3710	636	735	840	817	928	1 088	1 239	1 433	1 507	1 561
Medical and surgical equipment and orthopaedic appliances	3720	165	198	215	243	293	307	341	355	370	403
Spectacles and unmounted lenses	3731	68	77	92	98	95	117	140	143	131	137
Optical precision instruments	3732	67	71	84	91	107	140	148	166	178	179
Photographic and cinematographic equipment	3733	233	265	261	212	215	199	193	180	244	272
Clocks, watches and other timing devices	3740	143	120	105	97	134	111	117	100	92	89

Note More detailed information can be found in the PQ series of Business Monitors for the activities listed above.

1 These figures represent the total sales of principal products of each activity excluding waste products and work done. Estimates of the sales of principal products of establishments falling below the employment threshold of the Quarterly Sales Inquiries are included

2 The total may differ from the sum of its constituent parts due to rounding

3 Excluding ferrous and non-ferrous metal foundries AH 3111/2

4 Excluding process engineering contractors AH 3246

5 Excluding electrical equipment installation AH 3480

6 Excluding shipbuilding and repairing AH 3610

Source Department of Trade and Industry

8.33

Volume index numbers of sales and orders for the engineering industries
United Kingdom

	Total			Home			Export		
	Orders on hand end of period	Net orders ¹	Sales	Orders on hand end of period	Net orders ¹	Sales	Orders on hand end of period	Net orders ¹	Sales
	1985 Average = 100	1985 Average monthly sales = 100		1985 Average = 100	1985 Average monthly sales = 100		1985 Average = 100	1985 Average monthly sales = 100	
Engineering industries combined									
SIC 1980 Class 32, 33, 34, 37									
1983	89	86	87	94	88	90	82	82	80
1984	101	100	93	104	100	95	96	99	90
1985	96	97	100	95	95	100	98	101	100
1986	96	99	100	100	100	100	96	97	98
1987	100	106	104	106	106	103	97	106	105
Percentage change 1987 on 1986 ²	+ 4.0	+ 7.0	+ 4.0	+ 6.0	+ 6.0	+ 3.0	+ 1.0	+ 9.5	+ 7.0
Mechanical engineering									
SIC 1980 Class 32									
1983	93	86	92	94	88	97	92	82	84
1984	102	99	94	107	103	96	93	91	91
1985	95	97	100	94	93	100	98	102	100
1986	90	95	98	88	96	98	93	94	97
1987	94	100	98	98	103	98	88	95	98
Percentage change 1987 on 1986 ²	+ 4.5	+ 5.5	—	+ 11.5	+ 7.5	—	— 5.5	+ 1.0	+ 1.0
Electrical and instrument engineering									
SIC 1980 Class 33, 34 and 37									
1983	86	86	82	93	88	85	75	82	77
1984	100	101	92	101	98	94	98	107	89
1985	96	98	100	95	97	100	97	99	100
1986	99	103	101	101	104	102	97	100	100
1987	105	112	108	106	109	107	103	117	113
Percentage change 1987 on 1986 ²	+ 6.0	+ 8.5	+ 7.0	+ 5.0	+ 5.0	+ 5.0	+ 6.0	+ 17.0	+ 13.0

1 Net of cancellations.

2 The percentage changes have been rounded to the nearest half percentage point.

Source Department of Trade and Industry

8.34

Merchant shipbuilding¹
United Kingdom

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total Gross new orders²											
Number	95	70	52	61	72	57	45	90	58	61	37
Thousand gross tonnes ^{3,4}	485	301	325	517	482	355	172	127	291	146	163
£ million	343	253	260	312	383	313	279	224	330	280	277
For Overseas Registration											
Number	8	38	5	12	26	21	12	3	8	28	10
Thousand gross tonnes ^{3,4}	134	201	28	108	386	123	80	1	77	97	112
£ million	32	170	16	59	251	151	82	6	59	102	78
Total Orders on hand⁵											
Number	189	157	108	78	99	88	63	97	65	74	65
Thousand gross tonnes ^{3,4}	2 038	1 164	772	855	1 117	990	562	301	387	426	305
£ million	1 011	818	670	601	783	720	563	444	515	609	622
For Overseas Registration											
Number	51	59	33	10	26	35	24	10	8	31	31
Thousand gross tonnes ^{3,4}	712	459	236	102	386	384	195	95	73	140	160
£ million	314	306	194	57	271	339	194	85	64	135	144
Total Completions											
Number	104	96	95	88	51	67	68	56	86	48	43
Thousand gross tonnes ^{3,4}	1 007	1 135	707	431	217	453	540	411	225	106	247
£ million	363	404	412	363	194	408	390	311	259	175	278
For Overseas Registration											
Number	25	27	27	33	10	12	22	18	10	5	10
Thousand gross tonnes ^{3,4}	411	396	243	232	101	104	276	141	101	29	53
£ million	134	134	122	168	57	57	200	128	81	30	47

1 Merchant registered ships of 100 gross tonnes and over built in the United Kingdom (including drilling ships but excluding floating platform drilling rigs).

2 Includes vessels which may have been cancelled at a late stage.

3 From 1984, tonnages conform to the 1969 IMO Convention on the tonnage measurement of ships. Earlier years relate to gross registered tonnes.

4 Tonnages are only accurately measured on completion: earlier figures are estimates.

5 Includes both vessels under construction and those not yet commenced.

Source Department of Trade and Industry

8.35

Motor vehicle production
United Kingdom

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Motor vehicles											
SIC 1980, Group 351											
Passenger cars: total	1 315 972	1 222 949	1 070 452	923 744	954 650	887 679	1 044 597	908 906	1 047 973	1 018 962	1 142 683
1 000 c.c. and under	146 900	145 271	127 157	156 735	229 189	197 153	194 064	161 884	183 383	162 090	153 214
Over 1 000 c.c. but not over 1 600 c.c.	725 463	696 658	616 105	521 933	526 498	547 676	723 289	637 868	694 876	665 093	718 046
Over 1 600 c.c. but not over 2 800 c.c.	379 603	314 138	277 199	209 635	153 957	97 536	77 504	56 587	109 437	134 802	205 067
Over 2 800 c.c.	64 006	66 882	49 991	35 441	45 006	45 314	49 740	52 567	60 277	56 977	66 356
Commercial vehicles: total	398 268	384 518	408 440	389 170	229 555	268 798	244 514	224 825	265 973	228 685	246 728
Of which:											
Light commercial vehicles	358 670	243 756	261 974	261 143	157 744	189 094	175 338	157 963	195 475	175 825	188 858
Trucks:											
Under 7.5 tonnes		23 336	32 970	24 199	14 294	16 367	12 792	13 057	14 601	12 451	15 697
Over 7.5 tonnes		82 532	77 807	74 890	41 152	43 469	34 850	31 945	33 716	22 718	22 834
Motive units for articulated vehicles	11 965	11 852	9 778	7 366	3 921	6 761	5 918	5 361	6 154	5 351	5 343
Buses, coaches and mini buses:											
Single deck buses	25 830	20 583	23 407	19 007	9 903	11 518	13 870	14 811	14 842	11 180	13 397
Double deck buses	1 803	2 459	2 504	2 565	2 541	1 589	1 746	1 688	1 185	1 160	599

TIME SERIES. Figures for motor vehicles relate to periods of 52 weeks (53 weeks in 1983).

Source Department of Trade and Industry

8.36

Alcoholic drink

United Kingdom

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Spirits¹	Thousand hectolitres of alcohol											
Production		4 322	5 211	5 207	4 907	3 251	3 021	2 898	2 986	3 124	3 148	3 316
Released for home consumption												
Total ²	"	794	957	1 055	996	945	891	916	912	974	971	983
Imported:												
Rum	"	76	90	99	86	80	73	73	75	77	78	81
Brandy	"	57	69	77	71	64	66	69	70	77	79	82
Other	"	41	52	62	57	58	59	65	71	72	74	86
Home produced:												
Whisky (mature) ³	"	403	488	525	502	477	448	445	434	461	456	446
Gin	"	124	141	158	144	130	124	137	133	139	131	128
Other	"	92	117	133	136	136	122	127	129	148	151	161
Beer⁴	Thousand hectolitres											
Production		65 239	66 418	67 419	64 830	61 721	59 786	60 324	60 105	59 655	59 439	59 895
Released for home consumption												
Total	"	65 891	67 802	68 248	65 490	62 317	60 920	62 232	62 082	61 507	61 213	61 973
Home produced	"	63 531	65 416	65 688	63 188	60 024	58 668	59 586	59 241	58 431	57 911	58 519
Imported	"	2 360	2 386	2 558	2 302	2 293	2 252	2 646	2 841	3 076	3 302	3 454
Imported wine/wine of fresh grapes												
Released for home consumption												
Total	"	3 021	3 620	3 962	4 022	4 328	4 399	4 810	5 398	5 644	5 902	6 278
Heavy	"	1 140	1 364	1 356	1 257	1 191	1 074	1 079	1 022	861	559	489
Light	"	1 744	2 095	2 428	2 581	2 941	3 132	3 512	4 152	4 525	5 061	5 474
Sparkling	"	138	161	179	183	196	193	218	224	257	281	315
British wine/made-wine												
Released for home consumption	"	534	566	572	515	539	509	549	492	538	528	561
Cider and perry												
Released for home consumption	"	2 215	2 222	2 324	2 255	2 409	2 899	3 258	3 259	3 174	3 233	3 205

1 Potable spirits distilled including spirits produced from molasses.

2 Includes a small amount of spirits unclassified by origin and/or tariff code number.

3 Before April 1983, the figures represent quantities of all mature home produced spirits.

4 From January 1976 the figures take account of brewing at high gravity with the addition of some brewing liquor after fermentation.

Source HM Customs and Excise

8.37

Tobacco products¹

United Kingdom

	Unit	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Released for home consumption											
Cigarettes: total	Thousand million	125.7	124.5	122.0	109.8	102.3	102.6	99.9	99.1	95.0	100.9
Home produced	"	124.2	122.7	120.0	108.3	100.6	100.6	93.4	88.6	83.3	89.9
Imported	"	1.4	1.9	2.0	1.5	1.8	2.0	6.4	10.5	11.7	11.0
Cigars: total	Million kg.	3.1	3.3	3.2	2.9	2.7	2.7	2.5	2.5	2.5	2.6
Home produced	"	2.4	2.5	2.5	2.2	2.3	2.4	2.4	2.3	2.3	2.4
Imported	"	0.7	0.8	0.7	0.7	0.4	0.2	0.2	0.2	0.2	0.2
Hand-rolling tobacco: total	"	6.1	5.7	5.8	6.2	6.3	5.9	5.4	5.1	4.8	4.8
Home produced	"	6.1	5.7	5.8	6.2	6.2	5.9	5.4	5.1	4.8	4.8
Imported	"	—	—	—	—	—	—	—	—	—	—
Other smoking and chewing tobacco: total	"	4.3	4.0	3.7	3.6	3.3	3.1	3.0	2.9	2.7	2.6
Home produced	"	4.2	3.8	3.6	3.5	3.3	3.1	3.0	2.9	2.7	2.6
Imported	"	0.1	0.2	0.1	—	—	—	—	—	—	—

1 Figures before 1977 are not available.

Source HM Customs and Excise

9 Agriculture, fisheries and food

Agricultural censuses and surveys (Tables 6.5, 9.3 and 9.5)

The data in these tables vary between the different countries of the United Kingdom as follows:

The coverage from 1976 to 1979 includes all holdings in the United Kingdom with 40 standard man days or more (a standard man day (smd) represents 8 hours productive work by an adult male worker under average conditions). All holdings with less than 40 smd in Scotland are excluded but in England and Wales and Northern Ireland holdings with less than 40 smd are excluded only if they have less than 4 hectares of crops and grass and no regular whole-time worker.

From 1977 (table 9.4 from 1980) figures for England and Wales relate to all known agricultural holdings including minor holdings. Data on minor holdings in Scotland and Northern Ireland are excluded but see footnote 2 to table 9.4.

From 1981 the figures included for Northern Ireland relate to all holdings with one European Size Unit (ESU) or more; or 6 hectares or more of total area; or one or more whole-time workers (excluding the owner). This revised threshold resulted in the deletion of 7 000 holdings.

The estimated yields of sugar beet and hops (table 9.4) are obtained from production figures supplied by British Sugar plc, and English Hops Ltd. In Great Britain potato yields are estimated in consultation with the Potato Marketing Board.

Average weekly earnings and hours of agricultural workers (Table 9.7 and 9.8)

Data on the earnings and hours of agricultural workers have been collected since 1945 through a series of investigations known as the Wages and Employment Enquiry. Appointed officers of the Ministry of Agriculture, Fisheries and Food, the Department of Agriculture and Fisheries for Scotland and the Welsh Office Agricultural Department undertake this series of investigations in the course of their duties as Wages Inspectors. Under the Agricultural Wages Act 1948, these officers monitor minimum wages determined by the Agricultural Wages Board. They visit a random sample of farms each year (approximately 4 000 in 1986) and collect information on workers' earnings, hours, overtime, bonuses, perquisites, etc.; the analysed results of which are published in quarterly press notices and annual reports. Summary tables of earnings and hours are also published by the Department of Employment, the Welsh Office Agricultural Department and the Department of Agriculture and Fisheries for Scotland. The enquiry also provides data used by the Agricultural Wages Board when considering wage claims and by the Ministry in estimating the cost of labour in agriculture for the Annual Review and similar purposes.

Fisheries (Tables 9.12 – 9.14)

Data relating to the weight and value of landings of fish in United Kingdom (table 9.12) is generally obtained from sales notes completed at fish market auctions.

Fishing fleet information (tables 9.13 and 9.14) is obtained from vessel registers maintained by the Ministry of Agriculture, Fisheries and Food in England and Wales and the Department of Agriculture and Fisheries for Scotland.

Estimated food consumption by all households in Great Britain—National Food Survey (Table 9.17)

The Sample

In the course of a year the National Food Survey investigates the food budgets of about 7 500 households throughout Great Britain. Fieldwork takes place in 52 local authority districts selected so as to be representative of Great Britain as a whole and, from the beginning of 1986, a proportion of the local authorities used are replaced for sampling purposes at the end of each calendar quarter. A description of the sampling methods used in the National Food Survey is given in the respective Annual Reports: for example, *Household Food Consumption and Expenditure 1986* (HMSO 1987).

Household

A group of persons living in the same dwelling and sharing common catering arrangements. The size of household is defined in terms of the number of persons who spend at least four nights in the household during the week of the Survey *and* also have at least one meal a day from the household food supply on at least four days. The head of the household and the housewife are regarded as persons in *all* cases.

Adult—A person aged 18 years or over.

Child—A person under 18 years of age.

Food purchased

Quantities of all foods purchased during the week for consumption in the home (but including *purchases* of milk at school). The Survey excludes food eaten outside the home (except packed meals prepared at home), chocolate and sugar confectionery, soft drinks, alcoholic drinks, vitamin preparations, and food obtained specifically for consumption by domestic pets. For a few minor miscellaneous items, expenditure is recorded, but not the quantity (e.g. artificial sweeteners, flavourings, colourings, etc.).

Free food

Quantity of food entering the household without payment, for consumption during the Survey week. Milk supplied under the Milk in Schools Scheme is included although it does not actually enter the household. Food grown or produced by the household and stored in bulk is recorded only when it is withdrawn from store.

Consumption

Averaged over a sufficiently large number of households and a sufficiently long period, the average quantity of food purchased *plus* the quantity of 'free' food will equal the average consumption if there is no general change in the level of larder stocks.

9.1 Agricultural output, input and income at current prices¹

United Kingdom
Calendar years

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Output											
1. Farm crops ³ : total	1 386	1 525	1 894	2 124	2 459	3 020	2 994	3 647	3 217	3 312	3 153
Wheat	366	449	605	786	855	1 137	1 115	1 461	1 409	1 366	1 256
Barley	414	550	557	651	811	894	851	930	842	776	641
Oats	20	19	19	24	25	28	28	26	28	30	27
Potatoes	376	260	385	312	392	451	495	585	318	470	538
Sugar beet	133	159	206	199	192	252	218	251	232	218	211
Hops	11	13	17	23	25	28	27	26	15	11	11
Peas and beans for stockfeed	6	9	16	15	32	28	34	51	64	110	112
Oilseed rape	23	28	43	69	87	157	174	254	244	270	291
Other ⁴	38	38	46	46	42	44	53	64	66	61	66
2. Horticulture: total	755	752	858	908	969	1 018	1 154	1 264	1 262	1 309	1 368
Vegetables (including mushrooms)	486	463	539	556	589	598	704	786	777	778	839
Fruit	145	152	158	169	187	213	230	242	232	254	228
Flowers, bulbs, nursery stock etc.	124	137	161	183	193	208	220	235	254	278	302
3. Livestock: total	2 476	2 762	3 042	3 288	3 530	3 807	4 036	4 292	4 347	4 224	4 403
Fat cattle and calves	1 060	1 258	1 420	1 500	1 601	1 674	1 834	1 968	1 958	1 804	1 890
Fat sheep and lambs	267	300	319	405	465	515	572	561	608	602	659
Fat pigs	642	689	744	790	862	923	911	995	975	955	951
Poultry	445	444	488	508	515	604	626	674	702	757	785
Other ⁵	61	71	71	85	87	91	92	94	104	106	118
4. Livestock products: total	1 940	2 065	2 276	2 498	2 679	2 970	3 060	2 960	2 994	3 056	2 999
Milk and milk products	1 484	1 620	1 764	1 960	2 100	2 384	2 493	2 337	2 399	2 512	2 411
Eggs for food	412	400	462	489	522	529	496	554	522	467	506
Clip wool	30	33	35	36	35	34	37	37	41	41	44
Other ⁶	14	12	16	14	21	23	34	33	32	35	38
5. Own account capital formation: total ⁷	16	65	24	47	94	137	107	93	128	108	48
6. Total output i.e. items 1 to 5	6 574	7 168	8 094	8 865	9 731	10 953	11 350	12 256	11 949	12 009	11 972
7. Compensation payments and sundry receipts: total	23	31	29	33	60	62	70	127	140	177	148
PMB compensation payments	—	8	2	6	4	—	1	—	—	—	—
CAP support	2	3	4	4	6	8	4	4	3	3	3
Brucellosis eradication incentive	2	2	2	2	3	1	1	2	1	1	1
Animal disease compensation	6	5	7	8	2	2	14	2	3	3	2
Other ⁸	13	13	14	14	45	51	50	119	133	171	141
8. Production grants: total	101	90	84	130	141	150	141	146	142	149	156
Hill Livestock Compensatory Allowance	55	53	59	76	88	90	91	91	98	112	114
Other ⁹	46	37	25	54	53	60	50	55	44	37	42
9. Total receipts i.e. items 6 to 8	6 698	7 290	8 206	9 027	9 931	11 164	11 561	12 529	12 231	12 335	12 276
10. Work-in-progress and output stocks											
Value of physical change: total	178	15	—29	—28	—89	28	45	106	—235	—21	—16
Work-in-progress ¹⁰	16	1	—23	—42	—15	47	—12	—17	—76	—33	—38
Output stocks ¹¹	162	15	—6	14	—74	—19	57	122	—158	12	22
11. Gross output i.e. item 9 plus 10	6 876	7 306	8 178	9 000	9 842	11 192	11 607	12 635	11 996	12 314	12 260
12. Intermediate output ¹² : total	465	484	638	680	665	839	942	889	820	914	660
Feed ¹³	364	393	539	586	564	728	813	767	700	786	528
Seed	101	91	99	94	102	111	129	122	120	128	132
13. Final output i.e. item 11 minus 12	6 411	6 821	7 539	8 319	9 177	10 353	10 665	11 746	11 176	11 400	11 600

See footnotes on page 172.

Source Agricultural Departments

9.1

Agriculture output, input and income at current prices¹
United Kingdom
Calendar years

(continued)

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Input											
14. Expenditure: total ¹⁴	3 717	3 857	4 454	4 821	5 206	5 866	6 408	6 587	6 578	6 560	6 456
Feedingstuffs	1 827	1 774	2 089	2 188	2 282	2 615	2 864	2 858	2 690	2 749	2 667
Seeds	216	193	212	200	217	236	274	260	255	272	282
Livestock (imported and interfarm expenses)	145	175	137	151	165	184	202	202	206	200	182
Fertilisers and lime	426	490	548	651	762	777	868	954	901	815	737
Pesticides	80	96	169	175	159	246	260	269	314	310	285
Machinery: total	453	493	593	668	743	833	906	944	1 034	969	997
Repairs	209	244	274	307	336	370	398	430	470	500	534
Fuel and oil	200	202	265	299	337	388	430	432	475	372	364
Other expenses	44	47	54	62	70	76	77	82	89	97	98
Farm maintenance: total	134	147	166	179	190	215	230	255	271	287	308
by occupier	109	119	135	143	148	169	178	200	212	223	245
by landlord	24	27	31	36	42	46	51	55	60	63	63
Miscellaneous expenditure ¹⁵	437	488	541	610	688	761	804	844	907	959	998
15. Input stocks:											
Value of physical usage of stocks ¹⁶	7	22	-24	23	-56	9	17	16	-6	-43	24
16. Gross input i.e. item 14 <i>plus</i> 15	3 724	3 880	4 430	4 845	5 150	5 875	6 425	6 603	6 572	6 517	6 480
17. Net input i.e. item 16 <i>minus</i> 12	3 259	3 396	3 792	4 164	4 484	5 036	5 483	5 713	5 752	5 603	5 820
18. Gross product i.e. item 11 <i>minus</i> 16, or item 13 <i>minus</i> 17	3 153	3 426	3 748	4 155	4 692	5 317	5 182	6 032	5 424	5 797	5 780
19. Depreciation: total	720	821	957	1 133	1 203	1 269	1 312	1 356	1 428	1 450	1 486
Plant machinery and vehicles	511	581	658	726	752	820	856	886	921	916	927
Building and works	209	240	300	407	450	449	456	470	507	533	558
20. Net product i.e. item 18 <i>minus</i> 19 Comprising:	2 432	2 605	2 790	3 022	3 490	4 048	3 870	4 676	3 996	4 347	4 294
Labour ¹⁷ – hired	705	796	910	1 023	1 100	1 180	1 279	1 309	1 402	1 366	1 378
– family and partners	276	304	347	422	472	515	556	588	650	686	699
Interest ¹⁸	147	184	318	464	468	501	494	569	704	700	646
Net rent ¹⁹	43	55	66	69	88	105	126	141	156	168	167
21. Farming income ²⁰	1 262	1 265	1 149	1 044	1 361	1 748	1 416	2 070	1 085	1 427	1 404

1 Output values cover sales off the national farm and include subsidies on products sold. Output is net of VAT collected on the sale of inedible products, which is repaid by HM Customs and Excise.

2 Forecast prepared in November 1987.

3 Includes receipts from crops sold off farms and subsequently bought back for feed and seed; excludes compensation payments on unsold potatoes which are included under Sundry receipts.

4 Maize, mixed corn, rye, hay and dried grass, grass and clover seed and other farm crops.

5 Horses, breeding animals exported, poultry for export, rabbits and game, knacker animals and other minor livestock.

6 Honey, goat's milk, exports of eggs for hatching and other minor livestock products.

7 That part of investment in buildings and works which is physically undertaken by the farmer or farm labour and the value of the physical increase in breeding livestock (breeding livestock capital formation).

8 Dividends from agricultural co-ops, non-agricultural horses grazing and includes from 1981 annual ewe premium payments.

9 Suckler cow premium and other non-capital production grants.

10 Livestock except breeding livestock.

11 Stocks of cereals, potatoes, apples and pears.

12 Sales included in output but subsequently repurchased and so reappearing as input.

13 Cereals, potatoes, beans, hay and dried grass.

14 Expenditure is net of VAT reclaimed in the normal way, but each heading includes VAT paid without recovery by, for example unregistered producers.

15 Electricity, veterinary expenses, rates, insurances and miscellaneous costs.

16 Input stocks comprise fertilisers and purchased feed.

17 Includes employers' national insurance contributions. The estimate in respect of family workers (except spouses) and partners is calculated on the basis of the earnings of hired labour.

18 On commercial debt for current farming purposes (i.e. excluding interest on land purchases but including interest on purchases of buildings and works).

19 Landlords' expenses are included within farm maintenance, miscellaneous expenditure and depreciation on buildings and works. Net rent is rent paid on tenanted land *less* these landlords' expenses and the benefit value of dwellings on that land.

20 The income of farmers and their spouses after providing for depreciation and payment of interest and excluding stock appreciation.

Source Agricultural Departments

9.2

Agricultural output, input and net product at constant prices¹

United Kingdom

1980 prices

Calendar years

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Output											
1. Farm crops ³ : total	1 490	1 811	1 890	2 125	2 247	2 568	2 304	2 898	2 865	2 819	2 682
Wheat	436	521	626	786	780	992	888	1 265	1 246	1 220	1 110
Barley	496	652	579	651	749	762	663	765	733	678	561
Oats	26	25	21	24	25	27	24	21	27	29	23
Potatoes	255	309	326	312	333	313	312	308	348	332	335
Sugar beet	170	184	202	199	187	249	198	224	192	214	211
Hops	17	22	24	23	22	24	20	19	15	12	12
Peas and beans for stockfeed	8	11	17	15	28	23	26	39	50	70	77
Oilseed rape	33	35	46	69	78	133	129	212	205	219	303
Other ⁴	49	51	49	46	45	44	44	45	47	46	50
2. Horticulture: total	865	915	911	908	896	932	903	975	948	988	971
Vegetables (including mushrooms)	555	583	551	556	555	577	546	602	588	625	611
Fruit	145	165	184	169	151	163	166	177	161	158	149
Flowers, bulbs, nursery stock etc.	166	167	176	183	190	191	190	196	199	206	212
3. Livestock: total	3 080	3 101	3 223	3 288	3 187	3 186	3 339	3 434	3 475	3 409	3 520
Fat cattle and calves	1 433	1 456	1 496	1 500	1 422	1 346	1 436	1 558	1 534	1 428	1 464
Fat sheep and lambs	323	335	350	405	378	387	417	419	441	427	455
Fat pigs	763	742	791	790	799	820	861	805	825	843	847
Poultry	476	484	502	508	503	550	546	575	594	630	670
Other ⁵	86	85	84	85	85	83	80	78	81	80	83
4. Livestock products: total	2 418	2 518	2 523	2 499	2 476	2 590	2 652	2 507	2 479	2 504	2 402
Milk and milk products	1 863	1 949	1 952	1 960	1 946	2 056	2 119	1 992	1 970	1 997	1 884
Eggs for food	508	523	524	489	478	484	474	462	454	453	462
Clip wool	30	32	32	36	36	35	37	36	38	38	39
Other ⁶	17	13	15	14	16	15	21	18	18	15	17
5. Own account capital formation: total ⁷	30	89	31	47	85	115	79	62	85	67	15
6. Total output i.e. items 1 to 5	7 883	8 434	8 578	8 867	8 892	9 390	9 277	9 877	9 851	9 786	9 592
7. Compensation payments and sundry receipts: total	27	37	30	34	56	53	58	102	115	144	119
PMB compensation payments	—	9	2	6	5	—	1	—	—	—	—
CAP support	3	4	4	4	5	6	3	3	3	2	2
Brucellosis eradication incentive	2	2	2	2	3	1	1	2	1	1	1
Animal disease compensation	7	6	7	8	2	2	12	1	2	2	3
Other ⁸	15	16	15	14	41	44	41	96	109	139	113
8. Production grants: total	121	106	89	130	129	129	115	118	117	121	125
Hillstock Compensatory Allowance	66	62	63	76	80	77	74	73	81	91	91
Other ⁹	55	44	26	54	48	51	41	44	36	30	34
9. Total receipts i.e. items 6 to 8	8 032	8 577	8 697	9 031	9 076	9 572	9 450	10 099	10 084	10 052	9 835
10. Work-in-progress and output stocks											
Value of physical change: total	231	15	—33	—28	—77	22	42	103	—188	—11	—5
Work-in-progress ¹⁰	24	1	—26	—42	—14	40	—13	—13	—56	—23	—28
Output in stocks ¹¹	207	14	—6	14	—64	—19	55	115	—132	12	23
11. Gross output i.e. item 9 <i>plus</i> 10	8 263	8 592	8 664	9 003	8 999	9 593	9 492	10 201	9 896	10 042	9 830
12. Intermediate output ¹² : total	547	579	666	680	624	728	748	739	726	768	598
Feed ¹³	444	475	560	586	522	632	645	648	625	669	502
Seed	102	104	106	94	102	96	103	92	100	99	97
13. Final output i.e. item 11 <i>minus</i> 12	7 716	8 013	7 998	8 319	8 375	8 865	8 744	9 462	9 170	9 273	9 232

See footnotes page 174.

Source Agricultural Departments

9.2

Agricultural output, input and net product at constant prices¹
United Kingdom
1980 prices
Calendar years

(continued)

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Input											
14. Expenditure: total ¹⁴	4 883	4 851	4 989	4 822	4 776	5 026	5 141	5 072	5 054	5 130	5 003
Feedingstuffs	2 189	2 139	2 250	2 188	2 134	2 315	2 358	2 266	2 253	2 362	2 229
Seeds	218	221	225	200	205	205	218	195	213	210	206
Livestock (imported and interfarm expenses)	188	197	138	151	138	141	145	143	142	141	132
Fertilisers and lime	618	605	646	651	721	705	756	799	744	770	781
Pesticides	108	119	190	175	148	220	232	233	260	249	223
Machinery: total	749	752	735	668	650	654	654	648	647	644	638
Repairs	329	333	323	307	309	312	310	310	310	312	319
Fuel and oil	357	357	350	299	280	281	282	277	275	272	263
Other expenses	63	62	62	62	61	61	62	61	61	60	57
Farm maintenance: total	199	199	195	179	170	177	174	182	180	180	186
by occupier	161	162	159	143	135	142	140	148	146	147	154
by landlord	38	37	36	36	36	35	35	34	33	33	32
Miscellaneous expenditure ¹⁵	614	619	609	610	609	608	604	607	616	574	608
15. Input Stocks:											
Value of physical usage of stocks ¹⁶	8	28	-30	23	-51	8	14	13	-4	-32	24
16. Gross input i.e. item 14 plus 15	4 892	4 879	4 958	4 845	4 725	5 033	5 157	5 085	5 051	5 134	5 027
17. Net input i.e. item 16 minus 12	4 345	4 300	4 292	4 164	4 101	4 305	4 409	4 346	4 325	4 366	4 429
18. Gross product i.e. item 11 minus 16 or 13 minus 17	3 371	3 714	3 707	4 158	4 274	4 560	4 335	5 116	4 845	4 908	4 803
19. Depreciation: total	1 079	1 094	1 109	1 133	1 147	1 166	1 179	1 188	1 200	1 208	1 207
Plant machinery and vehicles	708	712	715	726	730	737	737	731	732	736	730
Building and works	371	382	394	407	417	428	442	457	468	472	477
20. Net product i.e. item 18 minus 19	2 292	2 620	2 598	3 018	3 128	3 394	3 156	3 929	3 644	3 699	3596
Index of net product 1980=100	76	87	86	100	104	112	105	130	121	123	119

1 Output values cover sales off the national farm and include subsidies on products sold. Output is net of VAT collected on the sale of inedible products, which is repaid by HM Customs and Excise.

2 Forecast prepared in November 1987.

3 Includes receipts from crops sold off farms and subsequently bought back for feed and seed; excludes compensation payments on unsold potatoes which are included under Sundry receipts.

4 Maize, mixed corn, rye, hay and dried grass, grass and clover seed and other farm crops.

5 Horses, breeding animals exported, poultry for export, rabbits and game, knacker animals and other minor livestock.

6 Honey, goat's milk, exports of eggs for hatching and other minor livestock products.

7 That part of investment in buildings and works which is physically undertaken by the farmer or farm labour and the value of the physical increase in breeding livestock (breeding livestock capital formation).

8 Dividends from agricultural co-ops, non-agricultural horses grazing and includes from 1981 annual ewe premium payments made under the sheep meat régime.

9 Suckler cow premium and other non-capital production grants.

10 Livestock except breeding livestock.

11 Stocks of cereals, potatoes, apples and pears.

12 Sales included in output but subsequently repurchased and so reappearing as input.

13 Cereals, potatoes, beans, hay and dried grass.

14 Expenditure is net of VAT reclaimed in the normal way, but each heading includes VAT paid without recovery by, for example unregistered producers.

15 Electricity, veterinary expenses, rates, insurances and miscellaneous costs.

16 Input stocks comprise fertilisers and purchased feed.

Source Agricultural Departments

9.3

Agriculture—land use
United Kingdom
Area at the June census¹

	Thousand hectares										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Cereals											
Wheat	1 078	1 258	1 372	1 441	1 491	1 663	1 695	1 939	1 902	1 997	1 994
Barley	2 404	2 352	2 347	2 330	2 327	2 222	2 143	1 978	1 965	1 916	1 830
Oats	195	180	136	148	144	129	108	106	133	97	99
Mixed corn	24	17	16	13	11	10	8	8	7	7	6
Rye	10	9	7	6	6	6	7	6	8	7	7
Potatoes											
Early crop	30	29	26	27	24	25	24	198	191	178	177
Main crop	203	185	178	179	167	167	171				
Fodder crops											
Field beans ²	37	38	42	48	45	40	34	32	45	60	91
Turnips and swedes ³	97	91	87	84	79	71	66	64	62	59	56
Fodder beet and mangolds ³	7	6	6	6	5	5	5	8	12	13	13
Maize for threshing or stockfeeding	35	26	25	22	18	16	15	16	20	23	23
Kale, cabbage, savoys, kohlrabi, rape for stockfeeding	78	70	61	54	49	43	40	39	37	33	30
Peas harvested dry ⁴	..	..	..	..	..	..	29	56	92	91	117
Other crops for stockfeeding	24	30	25	29	26	31	25	22	20	20	15
Horticultural crops ⁵											
Orchards and small fruit	66	65	67	65	62	60	58	56	54	53	52
Vegetables grown in the open:											
Brussels sprouts	15	15	14	14	13	13	11	11	11	11	10
Cabbage (all kinds), kale, cauliflower and broccoli ⁶	31	29	29	26	26	27	25	25	24	26	25
Carrots	23	21	18	16	14	14	13	14	14	14	13
Parsnips						2	3	2	3	3	3
Turnips and swedes ⁷	5	4	4	4	3	3	..	..	..	..	..
Beetroot	3	3	2	2	2	2	2	2	2	2	2
Onions, salad and dry bulb	10	9	7	8	8	9	8	8	9	9	9
Beans (broad, runner and French)	18	18	18	13	11	12	11	10	11	10	10
Green peas	63	59	60	59	55	56	47	46	53	52	42
Peas, for harvesting dry ⁸	37	36	36	34	28	27	18	..	..	..	..
Celery	1	1	1	1	1	1	1	1	1	1	1
Lettuce	4	4	4	4	4	4	4	4	4	4	4
Sweet corn	..	..	..	..	..	..	1	1	1	1	1
Other vegetables	12	12	10	10	10	9	10	10	12	12	13
Hardy nursery stock bulbs and other flowers grown in the open:											
Hardy nursery stock	7	7	7	7	7	7	7	7	7	7	7
Bulbs	5	4	5	4	5	5	4	4	4	4	4
Other flowers	1	1	1	1	1	1	1	1	1	1	1
Area under glass	2	2	2	2	2	2	2	2	2	2	2
Other crops											
Sugar beet	203	210	214	213	210	204	199	199	205	205	202
Rape grown for oilseed	55	64	74	92	125	174	222	269	296	299	388
Hops	6	6	6	6	6	6	6	5	5	4	4
Other crops not for stockfeeding	13	11	8	7	7	6	7	6	11	18	19
Bare fallow	70	68	73	59	76	55	97	42	41	48	42
Total tillage	4 873	4 943	4 986	5 031	5 071	5 127	5 124	5 196	5 265	5 287	5 312
All grasses under five years old	2 126	2 071	1 922	1 965	1 911	1 859	1 846	1 794	1 796	1 723	1 691
Total arable	7 000	7 014	6 909	6 996	6 982	6 986	6 970	6 990	7 061	7 010	7 003
All grasses five years old and over	5 067	5 065	5 191	5 140	5 103	5 097	5 107	5 105	5 019	5 077	5 112
Total crops and grass	12 066	12 079	12 100	12 136	12 085	12 083	12 078	12 095	12 080	12 088	12 115
Rough grazings											
Sole rights	5 214	5 193	5 140	5 119	5 021	4 984	4 927	4 895	4 872	4 829	4 743
Common (estimated)	1 209	1 206	1 212	1 214	1 214	1 214	1 212	1 212	1 216	1 216	1 214
Woodland on agricultural holdings ⁹	250	260	264	271	277	285	292	299	312	316	322
All other land on agricultural holdings	208	214	221	214	211	217	227	218	223	227	225
Total area of agricultural land	18 948	18 953	18 936	18 953	18 808	18 783	18 735	18 720	18 703	18 676 ¹⁰	18 619
Total area of the United Kingdom	24 104	24 100	24 098	24 088	24 089	24 088	24 088	24 088	24 085	24 086	24 086 ¹¹

1 Figures from 1977 onwards include estimates for minor holdings not surveyed at the June census in England and Wales. See notes on page 170.

2 Prior to 1986 collected as 'Beans for stockfeeding' in England and Wales.

3 See footnote 5 to table 9.4.

4 Includes 'Peas for harvesting dry for both human consumption and stockfeeding' from 1984 onwards.

5 Figures relate to land usage at 1 June and are not necessarily good indicators of production as for some crops more than one crop may be obtained in each season or a crop may overlap two seasons.

6 Excludes kale from 1983 which is included with 'Other vegetables'.

7 From 1983 included with 'Other vegetables.'

8 Following a change in definition in 1986 'Peas for harvesting dry for human consumption' is now included with 'Peas harvested dry for stockfeeding'. Data from 1984 reflect this change.

9 Collected as 'Woodland ancillary to farming' in Scotland prior to June 1976.

10 1986 Area figure.

11 Corrected figure.

Source Agricultural Departments

9.4

Estimated quantity of crops and grass harvested^{1,2}
United Kingdom

	Thousand tonnes											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Cereals												
Wheat	4 740	5 275	6 615	7 170	8 470	8 710	10 320	10 800	14 970	12 050	13 910	..
Barley	7 650	10 530	9 850	9 525	10 320	10 230	10 960	9 980	11 070	9 740	10 010	..
Oats	765	790	705	540	600	620	575	465	515	615	505	..
Mixed corn for threshing	90	95	65	60	59	44	39	35	35	31	29	..
Rye for threshing	20	35	30	25	24	25	27	24	28	35	32	..
Maize for threshing ³	3	2	2	4	4	4	4	4	4	4	4	..
Potatoes												
Early crop ⁴	371	406	422	362	453	388	432	322	397	403	363	395 ⁹
Main crop ⁴	4 418	6 215	6 909	6 124	6 657	5 826	6 498	5 535	7 001	6 489	6 083	6 395 ⁹
Fodder crops												
Beans for stockfeeding	70	112	130	128	150	125	120	105	125	155	230	..
Turnips, swedes ⁵	4 816	5 869	5 565	5 370	5 065	4 795	4 575	3 655	3 960	3 300	3 855	..
Fodder beet and mangolds ⁵	360	457	425	385	370	320	370	295	570	815	845	..
Maize for threshing or stock-feeding ³	836	1 196	1 015	895	785	635	635	550	580	770	915	..
Rape for stockfeeding	601	578	625	1 825	2 115	2 195	1 985	1 660	1 805	1 555	1 380	..
Kale, cabbage, savoy and kohlrabi	1 633	2 450	2 206									
Peas harvested dry for stock-feeding	..	..	..	..	..	..	..	85	170	215	330	..
Other crops												
Sugar beet ⁶	6 325	6 382	7 081	7 659	7 380	7 395	10 005	7 495	9 015	7 715	8 120	..
Rape grown for oilseed	111	142	155	198	300	325	580	565	925	895	965	..
Hops ⁷	8	7	9	10	10	9	10	9	8	6	5	5
Hay ⁸												
From all grasses under five years old	4 413	4 530	8 109	8 028	6 975	6 775	6 550	6 000	5 700	4 650	4 675	..
From all grasses five years old and over	3 892	4 104										
Horticultural crops												
Vegetables grown in the open												
Brussels sprouts	135	226	223	224	228	197	223	154	169	152	168	165
Cabbage (including savoy and spring greens)	485	779	573	594	576	546	610	518	670	683	688	690
Cauliflowers	244	348	367	348	367	325	353	298	344	356	360	384
Carrots	494	854	753	684	553	711	725	554	572	600	634	567
Parsnips	52	66	65	56	54	53	55	51	57	62	68	66
Turnips and swedes	135	223	196	170	163	109	145	135	142	140	163	159
Beetroot	96	110	109	98	109	97	105	94	115	114	95	94
Onions, Dry Bulb	170	306	231	214	224	232	231	175	238	268	247	305
Onions, Salad	29	23	28	26	26	25	27	25	22	25	30	31
Leeks	27	42	35	38	40	40	43	44	53	60	71	77
Broad beans	17	21	28	28	18	17	19	17	21	19	14	11
Runner beans including French	94	112	100	109	62	69	92	65	77	65	67	50
Peas, Green for market	19	38	34	38	18	25	28	23	27	26	20	19
Peas, Green for processing	170	267	210	229	223	277	238	198	241	206	239	195
Celery	60	70	66	64	54	50	51	46	57	53	65	69
Lettuce	103	145	133	127	135	134	161	155	153	166	160	171
Rhubarb	34	40	45	46	43	41	39	29	26	26	28	29
Protected crops												
Tomatoes	130	126	129	143	129	125	121	121	129	125	137	132
Cucumbers	52	52	58	53	57	54	56	61	68	71	76	85
Lettuce	35	36	36	35	36	37	45	49	48	49	50	51
Fruit crops												
Total Dessert Apples	220	136	211	222	178	152	216	186	184	161	163	167
Total Culinary Apples	140	134	180	141	179	80	147	126	163	145	139	122
Pears	64	36	27	73	44	49	40	54	48	51	47	63
Plums	32	43	41	49	47	16	34	36	34	24	33	33
Cherries	7	3	4	6	7	3	7	3	5	5	4	4
Soft Fruit	82	79	106	109	110	105	109	124	114	111	109	110

1 UK gross production in calendar years; for horticultural crops and potatoes it is in crop years.

2 Except for sugar beet and hops, the production area for England and Wales is the area returned at the June census together with estimates for very small holdings (known as minor holdings). In Scotland and Northern Ireland the area returned at June is also the production area except that estimates for minor holdings are included in Scotland for potatoes and in Northern Ireland for barley, oats and potatoes.

3 From 1979 maize for threshing is included with maize for stockfeeding.

4 Revised basis of calculation adopted in 1984 which prevents direct comparison with earlier years.

5 Before 1977 fodder beet was included with turnips and swedes for stockfeeding. In 1977, as a result of changes in the census categories,

fodder beet was included with mangolds in England and Wales but continued to be included with turnips and swedes for stockfeeding in Scotland and Northern Ireland. Scotland collected fodder beet separately for the first time in 1986.

6 The production area for sugar beet is provided by British Sugar plc.

7 The production area for hops is provided by English Hops Ltd.

8 The production of hay in England and Wales is calculated from the area cut for hay and actually harvested and does not include the area mown for silage, drying or seed; the production of hay in Scotland and Northern Ireland is calculated from the area cut for hay only and does not include grass mown for silage or drying.

9 Provisional figures.

Source Agricultural Departments

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9.5

Cattle, sheep, pigs and poultry on agricultural holdings
United Kingdom
At June in each year

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Cattle and calves: total	13 899	13 670	13 589	13 426	13 138	13 244	13 290	13 213	12 911	12 533	12 158
Dairy herd	3 269	3 274	3 292	3 228	3 191	3 250	3 333	3 281	3 150	3 138	3 042
Beef herd	1 688	1 588	1 543	1 478	1 420	1 389	1 358	1 351	1 333	1 308	1 343
Heifers in calf (first calf)	824	859	864	838	863	851	847	811	874	879	774
Bulls for service	93	92	90	86	84	84	83	80	78	76	74
Other cattle:											
Two years old and over	1 015	1 029	1 033	1 005	963	937	904	905	852	769	732
One year old and under two	3 235	3 251	3 123	3 153	3 041	3 057	3 059	3 069	3 012	2 819	2 749
Six months old and under											
one year	1 926	1 766	1 839	1 866	1 876	1 890	1 924	1 949	1 905	1 876	1 844
Under six months old	1 849	1 812	1 804	1 770	1 699	1 786	1 783	1 768	1 707	1 668	1 599
Sheep and lambs: total	28 190	29 772	29 946	31 446	32 097	33 067	34 069	34 802	35 628	37 016	38 701
Breeding ewes	11 247	11 475	11 709	12 178	12 528	12 909	13 310	13 648	13 893	14 252	14 780
Rams for service	320	333	342	353	358	366	383	393	406	419	437
Other sheep	3 362	3 681	3 843	3 672	3 584	3 748	3 764	3 680	3 763	3 961	4 107
Lambs under one year old	13 260	14 282	14 051	15 243	15 628	16 044	16 612	17 080	17 566	18 384	19 377
Pigs: total	7 756	7 728	7 864	7 815	7 828	8 023	8 174	7 689	7 865	7 937	7 942
Breeding herd	832	845	851	831	836	864	856	800	828	824	820
Boars for service	41	42	43	42	43	45	45	42	44	44	44
Gilts not yet in pig	76	90	82	84	87	89	82	77	80	79	81
Barren sows for fattening ²	17	12	14	12	11	12	15	12	12	12	11
Other pigs:											
110 Kg and over ²	114	105	112	102	90	117	100	91	89	80	67
80 Kg and under 110 Kg	647	671	695	657	638	630	605	599	589	603	615
50 Kg and under 80 Kg	1 762	1 777	1 770	1 772	1 776	1 824	1 868	1 787	1 813	1 863	1 890
20 Kg and under 50 Kg	2 268	2 221	2 258	2 240	2 227	2 281	2 362	2 198	2 260	2 270	2 253
Under 20 Kg	1 999	1 965	2 040	2 074	2 119	2 163	2 241	2 082	2 151	2 163	2 160
Poultry: total	134 931	137 973	135 345	135 105	132 286	135 363	127 618	127 507	128 968	..	..
Fowls: total	128 453	131 116	127 433	127 063	122 639	126 091	117 854	118 846	119 456	120 740	128 628
Growing pullets	16 411	17 343	15 504	14 457	14 219	14 766	11 828	12 536	12 503	12 502	12 230
Laying flock	49 616	50 985	48 120	46 012	44 473	44 792	41 127	40 573	39 538	38 096	38 498
Breeding flock	6 252	6 447	6 657	6 678	6 117	6 457	6 012	6 396	6 104	6 334	7 146
Table birds	56 174	56 340	57 153	59 917	57 830	60 075	58 887	59 341	61 311	63 807	70 754
Ducks ³	1 229	1 343	1 552	1 390	1 333	1 443	1 566	1 527	1 648	1 741	1 735
Geese ³	136	139		133	148	157					
Turkeys	5 113	5 376	6 359	6 519	8 167	7 672	8 198	7 134	7 864	..	..

1 Figures from 1977 onwards include estimates for minor holdings not surveyed at the June census in England and Wales. See notes on page 170. Excludes Scotland except for years 1979, 1983 and 1984.

2 Barren sows for fattening in Northern Ireland are included with 'All other pigs weighing 110 kg and over'.

3 Excludes data for Scotland except for the years 1979 and 1983 to 1986.

Source Agricultural Departments

9.6

Forestry

End of period

Area—thousand hectares
Volume—million cubic metres

	1977/ 1978	1978/ 1979	1979/ 1980	1980/ 1981	1981/ 1982	1982/ 1983	1983/ 1984	1984/ 1985	1985/ 1986	1986/ 1987	1987/ 1988
Years ending 31 March											
Forest area¹											
United Kingdom	2 061	2 079	2 102	2 121	2 142	2 233	2 258	2 277	2 301	2 328	2 368
Great Britain	1 997	2 014	2 036	2 054	2 075	2 165 ⁶	2 189	2 207	2 230	2 256	2 295
Northern Ireland ²	64	65	66	67	67	68	69	70	71	72	73
Forestry Commission (Great Britain)											
Total estates	1 253	1 256	1 263	1 264	1 259	1 251	1 209	1 181	1 166	1 157	1 148
Productive woodland	856	868	884	896	905	909	902	892	889	890	888
Plantable land acquired during year ³	6.0	4.7	6.9	1.1	2.1	-3.0	-13.7	-15.3	-7.3	-7.3	-7.2
Total area planted during year ⁴	17.2	15.4	21.5	16.6	16.5	14.8	15.1	11.1	11.6	13.3	13.1
Volume of timber removed ⁵	2.0	2.0	2.3	2.5	2.7	2.8	3.0	2.9	3.1	3.2	3.4
Area lost by fire during year	0.5	0.8	0.4	1.3	0.3	0.6	0.1	1.9	0.6	0.1	0.3
Private forestry (Great Britain)											
Productive woodland	851	858	865	873	886	1 084 ⁶	1 116	1 145	1 171	1 195	1 227
Total area planted during year	8.3	10.8	11.2	11.4	15.9	15.6	19.7	19.1	23.4	23.6	28.7
Volume of timber removed ⁵	2.1	2.1	2.3	2.3	2.0	2.2	1.8	2.0	2.2	2.4	2.6
	1977	1978	1979	1980	1981/82 ²	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
State afforestation in Northern Ireland											
Total estates	69.1	69.5	70.5	71.5	71.9	72.5	73.2	73.3	73.5	73.9	74.1
Land under plantation	51.2	52.2	53.0	53.9	54.4	55.2	56.3	56.6	57.3	57.9	58.4
Plantable land acquired during year	0.7	2.6	1.0	0.8	0.3	0.6	0.4	0.1	0.2	0.5	0.4
Total area planted during year ⁴	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.0	1.2	1.0	0.9 ⁷
Area lost by fire during year	0.5	0.2	0.02	0.8	0.01	0.14	0.06	0.09	0.02	0.05	0.02

1 Includes unproductive woodland. A reduction to unproductive land was made in 1978 to adjust for a reclassification of this land to meet the figure of 'Retained Scrub' published in the *Forestry Commission Annual Report*.

2 The figures for Northern Ireland refer to year ending 30 September up to and including 1975/76, to year ending 31 December up to and including 1980, and thereafter to year ending 31 March.

3 Net area acquired.

4 Including areas replanted.

5 Calendar year ending previous December.

6 The apparent increase in 1982/83 is a result of data from the Census of Woodlands and Trees becoming available. The change is entirely in the private sector of the industry.

7 Provisional.

Sources Forestry Commission; Department of Agriculture (Northern Ireland)

9.7

Average weekly earnings¹ and hours of agricultural workers

Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Men²											
Earnings	54.77	61.99	72.04	86.26	96.52	106.87	117.02	123.11	134.67	141.32	148.61
Hours	45.9	45.9	46.4	46.4	46.9	46.7	46.7	46.2	46.9	46.8	46.6
Youths³											
Earnings	37.10	42.04	47.25	56.66	62.15	69.40	76.02	80.20	85.81	89.83	95.34
Hours	44.7	44.4	44.3	44.8	44.9	45.0	45.5	44.7	44.8	45.5	45.9
Females											
Earnings	43.54	49.19	54.87	65.53	70.35	80.36	87.70	93.47	102.06	107.77	121.78
Hours	42.1	42.5	41.6	42.1	41.7	42.9	42.6	41.7	42.7	42.6	42.6

1 Total earnings of hired regular whole-time workers, including payments-in-kind valued, where applicable, in accordance with Agricultural Wages Orders.

2 Twenty years and over.

3 Under twenty years.

Source Agricultural Departments

9.8

Distribution of hired regular full-time men in agriculture by earnings band in Great Britain 1987

	General farm workers	Foremen and grieves	Dairy cowmen	All other stockmen	Tractor drivers	Horticultural workers	All Hired men
Less than £100.00	8.6	0.5	0.6	1.8	1.2	11.8	5.3
£100.00-109.99	10.7	0.2	0.5	3.9	4.3	16.0	7.4
£110.00-119.99	16.0	1.1	3.9	9.5	14.5	17.8	13.0
£120.00-129.99	13.7	5.8	3.5	13.4	14.5	15.1	12.7
£130.00-139.99	10.6	9.7	6.1	15.1	11.9	10.4	11.1
£140.00-159.99	15.6	18.6	19.2	23.5	18.8	14.8	17.7
£160.00-179.99	11.0	17.6	22.2	16.0	12.8	6.7	13.0
£180.00-199.99	6.5	14.7	19.9	9.4	8.5	5.1	8.7
£200.00 and over	7.3	32.0	23.9	7.4	13.5	2.2	11.2
Average weekly earnings (£)	140.01	181.75	175.41	149.78	153.26	129.14	148.61

Source Agricultural Departments

9.9 Sales for food of agricultural produce and livestock
United Kingdom

	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁵
Cereals:													
Wheat ¹	Thousand tonnes	2 360	2 170	2 234	2 867	2 628	3 222	3 196	3 398	3 698	3 606	3 265	3 931
Barley	"	1 994	2 213	4 123	2 903	3 530	5 142	4 316	4 399	5 584	4 486	5 679	4 902
Oats ²	"	109	111	128	102	121	139	136	116	125	145	162	166
Potatoes ³	"	3 575	4 671	5 136	5 016	5 105	5 183	5 025	5 193	5 083	5 481	5 572	5 582
Milk: total	Million litres	13 618	14 406	15 094	15 116	15 182	15 084	15 943	16 442	15 446	15 263	15 460	14 629
For consumption as liquid milk	"	7 760	7 484	7 381	7 305	7 196	7 082	6 979	6 978	6 959	6 898	6 851	6 811
For manufacture ⁴	"	5 858	6 921	7 713	7 811	7 986	7 992	8 951	9 449	8 471	8 350	8 597	7 804
Eggs in shell including duck eggs	Million dozens	1 153	1 160	1 192	1 184	1 104	1 073	1 083	1 048	1 026	1 026	1 025	1 046
Animals slaughtered:													
Cattle and calves: total	Thousands	4 481	4 111	4 030	4 057	4 255	4 049	3 629	3 928	4 313	4 256	3 906	4 113
Cattle	"	4 186	3 847	3 876	3 913	4 110	3 929	3 536	3 811	4 180	4 156	3 828	4 047
Calves	"	295	264	155	145	145	120	94	117	133	100	78	66
Sheep and lambs	"	12 670	11 356	11 591	11 884	14 316	13 978	13 894	15 068	14 953	15 762	15 384	15 764
Pigs: total	"	13 499	14 194	13 787	14 717	14 624	14 865	15 055	15 989	14 938	15 260	15 577	15 804
For bacon:													
Used wholly	"	2 487	2 449	2 124	2 056	2 042	1 811	1 786	1 866	1 788	1 720	1 726	1 491
Used in part	"	3 850	3 628	3 998	4 052	4 046	4 053	3 686	3 966	4 040	4 095	4 087	4 238
Other uses	"	6 816	7 726	7 311	8 244	8 208	8 673	9 230	9 717	8 791	9 117	9 418	9 747
Sows and boars	"	346	391	354	365	328	329	353	440	319	328	345	328
Poultry: total (fowls, ducks, geese, turkeys)	Millions	418	431	432	445	441	442	473	460	484	501	523	547

TIME SERIES. The figures for cereals and for animals slaughtered relate to periods of 52 weeks (53 weeks in 1976, 1981 and 1987).

1 Flour millers' receipts of home-grown wheat.

2 Oatmeal millers' receipts of home-grown oats.

3 Human consumption of UK produced potatoes.

4 The method of calculating liquid milk has been revised from April 1981 to include a measurement adjustment. Therefore the total of liquid and manufactured milk do not add up to the total.

5 Provisional.

Source Ministry of Agriculture, Fisheries and Food

9.10 Stocks of food and feedingstuffs¹
United Kingdom
At end-December in each year

	Thousand tonnes											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Wheat and flour (as wheat)	1 174	1 238	1 148	1 246	1 164	927	813	909	931	1 033	1 263	918
Barley	991	1 112	1 144	1 237	1 151	1 157	1 003	971	1 118	975	1 143	795
Maize	250	261	209	256	202	145	142	122	93	83	58	59
Oilcake and meal ²	90	94	95	133	119	83	170	77	158	179	172	178
Oilseeds and nuts (crude oil equivalent)	21	24	22	19	23	23	27	29	23	37	39	36
Vegetable oil (as crude oil)	61	58	64	70	81	64	79	63	63	71	75	94
Marine oil (as crude oil)	27	40	47	25	48	40	54	44	51	42	22	16
Butter ³	107	127	129	148	90	75	111	177	231	263	318	209
Imported meat and offal ⁴	87	70	75	61	50	34	60	110	131	182	144	136
Raw coffee ⁵	15	9	8	10	6	9	8	5	11	11	8	8
Tea ⁶	82	109	94	89	92	72	67	55	62	56	66	51
Sugar	796	881	932	931	1 114	1 010	1 013	787	1 091	1 010	908	899
Chocolate and sugar confectionery ⁷	56.2	62.1	74.8	78.4	70.4	68.5	67.8	70.6	73.7	62.5	64.5	63

1 Recorded stocks, including stocks in bond or held by the main processors.

2 Excluding castor meal, cocoa cake and meal.

3 In addition to stocks in public cold stores surveyed by MAFF, closing stocks include all intervention stocks in private cold stores.

4 For meat and offals, from 1983 the figure represents imported and home-produced stocks.

5 Including manufacturers' stocks and additional public warehouses.

6 Including stocks held by primary wholesalers.

7 Manufacturers' stocks only.

Source Ministry of Agriculture, Fisheries and Food

9.11

Processed food and animal feedingstuffs: production
United Kingdom

Thousand tonnes

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Flour milling:											
Wheat milling: total	5 150	5 159	5 053	4 809	4 753	4 616	4 478	5 044	4 749	5 308	4 917
Home produced	2 140	2 116	2 775	2 746	3 178	3 172	3 256	3 948	3 614	3 354	3 825
Imported	3 010	3 043	2 278	2 063	1 575	1 444	1 222	1 096	1 135	1 954	1 092
Flour produced	3 896	3 848	3 785	3 702	3 596	3 504	3 426	3 608	3 647	4 060	3 874
Offals produced	1 266	1 307	1 259	1 231	1 174	1 121	1 050	1 076	1 092	1 215	1 167
Oat milling:											
Oats milled by oatmeal millers	147	147	144	147	144	138	144	144	148	174	178
Products of oat milling	85	85	84	83	85	82	81	87	89	103	107
Seed crushing:											
Oilseeds and nuts processed	1 527	1 658	1 597	1 829	1 724	1 706	1 342	1 188	1 213	1 272	1 526
Crude oil produced, including production of maize oil	391	408	432	479	449	431	398	383	407	431	561
Oilcake and meal produced, excluding castor meal, cocoa cake and meal	1 111	1 221	1 139	1 337	1 241	1 240	945	790	841	823	923
Production of home-killed meat: total including meat subsequently canned	2 018	2 034	2 125	2 226	2 188	2 107	2 264	2 318	2 358	2 252	2 362
Beef	993	1 022	1 042	1 097	1 053	961	1 046	1 146	1 142	1 042	1 102
Veal	9	6	5	6	5	5	6	6	5	4	3
Mutton and lamb	223	228	231	277	263	264	287	288	304	291	303
Pork	647	630	694	684	710	728	763	708	735	754	786
Offal	146	148	152	162	157	149	161	170	171	161	168
Production of poultry meat	717	727	751	754	745	812	804	845	874	922	978
Production of bacon and ham, including meat subsequently canned	221	217	212	210	200	197	212	208	203	206	199
Production of milk products:											
Butter	134	164	161	170	172	216	241	206	203	223	176
Cheese (including farmhouse)	206	216	234	238	242	244	245	246	256	257	263
Condensed milk excluding skim concentrate and condensed milk used in manufacture of chocolate crumb	157	159	145	129	124	118	110	104	103	93	98
Milk powder: excluding buttermilk and whey powder											
Full cream	19	20	20	27	29	34	35	53	61	57	94
Skimmed	246	272	233	237	251	296	302	222	241	268	194
Cream, fresh and sterilised; including farm cream ¹	82	84	87	85	77	75	74	59	48	39	36
Sugar: production from home-grown sugar-beet (as refined sugar)	949	1 022	1 154	1 103	1 092	1 418	1 062	1 314	1 210	1 318	1 228
Production of compound fats:											
Margarine and other table spreads ⁴	379	368	359	383	398	399	387	382	378	460	464
Solid compound cooking fats	111	131	131	130	153	157	153	115	108	104	107
Production of other processed foods:											
Jam and marmalade	193	169	168	155	173	177	168	174	181	173	186 ³
Syrup and treacle	73	71	71	61	60	52	52	56	56	52	53
Canned vegetables ²	896	850	821	778	753	810	811	789	786	782	723
Canned and bottled fruit ²	51	59	56	30	29	39	42	42	39	35	41
Soups, canned and powdered	315	297	295	282	261	286	274	273	301	284	302 ³
Canned meat	124	115	136	115	95	86	93	98	98	86	92
Canned fish	13	13	12	9	6	5	4	7	8	7	6
Biscuits, total disposals of home produced	652	645	626	629	632	622	698	643	704	709	699
Breakfast cereals, other than oatmeal and oatmeal flakes	226	229	208	229	219	229	233	248	249	264	259
Chocolate confectionery	391	424	425	407	409	451	464	489	492	483	501
Sugar confectionery, excluding medicated confectionery	391	404	362	325	317	311	298	313	325	327	340
Glucose	506	540	492	473	434	446	449	472	460	472	460
Production of soft drinks (million litres):											
Concentrated	466	426	478	489	503	523	570	602	511	544	586 ³
Unconcentrated	2 057	2 131	2 351	2 233	2 231	2 458	2 642	2 690	2 899	3 417	3 549 ³
Compound feedingstuffs: total	10 790	10 973	11 645	11 108	10 943	11 855	12 234	10 743	10 420	11 187	10 646
Cattle food	4 451	4 516	4 936	4 556	4 538	5 012	5 456	4 382	4 116	4 486	3 848
Calf food	396	423	455	428	436	478	504	422	401	402	307
Pig food	2 317	2 303	2 380	2 267	2 169	2 317	2 292	2 099	2 142	2 186	2 191
Poultry food	3 350	3 432	3 483	3 492	3 445	3 640	3 532	3 331	3 229	3 473	3 628
Other compounds	276	299	391	365	355	408	450	509	532	640	672

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1976, 1981 and 1987) with the following exceptions which are on a calendar year basis: butter, cheese, cream, canned meat, soft drinks, condensed milk and milk powder, canned vegetables, canned and bottled fruit, jam and marmalade and soups.

1 Excludes cream made from the residual fat of low fat milk production.
2 From 1981 the method of collecting these figures has changed. They are therefore not comparable with previous years.

3 Provisional figures.
4 Table spreads are only included from 1986 onwards.

Source Ministry of Agriculture, Fisheries and Food

9.12 Food and animal feedingstuffs: disposals

	Thousand tonnes										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Flour	3 899	3 854	3 777	3 706	3 041	3 547	3 492	3 626	3 640	3 657	3 892
Sugar (as refined sugar): total disposals	2 600	2 545	2 495	2 278	2 215	2 341	2 258	2 287	2 249	2 257	2 297
For food in the United Kingdom ¹	2 436	2 459	2 425	2 254	2 188	2 317	2 234	2 261	2 220	2 226	2 277
Syrup and treacle	73	71	71	61	60	52	52	56	56	52	53
Meat and fish:											
Fresh and frozen meat and offal, including usage for canning:											
Beef and veal	1 258	1 310	1 329	1 328	1 263	1 141	1 215	1 259	1 263	1 304	1 354
Mutton and lamb	445	444	444	469	432	457	472	449	450	431	438
Pork	664	668	732	724	746	756	801	747	770	785	831
Offal	269	271	270	277	275	270	277	283	284	261	265
Poultry-meat	712	757	775	778	785	837	854	910	941	1 006	1 046
Bacon and ham, including usage for canning	507	520	519	512	505	482	483	474	467	465	458
Fresh, frozen and cured fish (landed weight, excluding shellfish, including usage for canning):											
Total disposals	1 007	1 275	1 126	1 104	1 034	1 063	1 008	1 012	1 060	1 464	1 044 ⁵
For food in the United Kingdom	695	706	640	715	703	706	607	694	712	711	704 ⁵
Dairy products:											
Butter	426	458	435	398	400	382	368	309	325	328	394
Cheese	319	341	365	353	366	372	374	399	408	421	435
Condensed milk ²	164	160	151	142	119	126	116	107	119	105	108
Milk powder, excluding buttermilk and whey powder:											
Full cream	22	27	25	30	30	35	38	54	71	71	104
Skimmed	177	305	258	227	262	298	333	246	253	288	210
Eggs in shell	817	839	847	798	773	766	748	743	745	737	754
Oils (as crude oil):											
Vegetable oil	844	873	931	891	882	924	990	939	1 001	1 193	1 423
Marine oil for the manufacture of margarine and compound fat	152	182	206	212	217	203	182	190	196	179	..
Potatoes: total disposals ³	5 553	6 003	5 942	5 883	6 290	6 040	6 285	6 022	6 740	6 531	6 663
For food in the United Kingdom ⁴	5 553	6 003	5 942	5 733	5 861	5 994	6 018	5 858	6 166	6 439	6 589
Other foods:											
Chocolate and sugar confectionery, excluding medicated confectionery	803	896	797	764	764	801	803	845	872	850	884
Tea excluding re-exports	180	163	176	184	178	174	168	177	161	161	158
Raw coffee	85	79	94	76	89	91	98	106	104	105	113
Cocoa beans excluding re-exports	75	72	67	66	86	88	77	90	91	87	95
Barley:											
For brewing and distilling and for food	2 368	4 078	2 893	3 706	5 056	4 279	4 435	5 403	4 739	5 667	4 941
Maize (including maize meal): total disposals	4 112	3 394	3 101	2 868	2 315	2 123	1 819	1 595	1 577	1 530	1 497
Animal feed	2 521	1 647	1 310	1 083	815	592	357	319	435	369	500
Oilcake and meal	1 779	1 990	2 189	2 380	2 505	2 837	2 889	2 695	2 721	2 640	3 014
Wheat milling offals	1 298	1 351	1 316	1 298	1 258	1 270	1 194	1 156	1 225	1 240	1 218
Fish and meat meal for animal feed, figures relate to sales	330	296	311	365	275	255	291	289	273	293	330

TIME SERIES. The figures relate to periods of 52 weeks (53 weeks in 1976, 1981 and 1987) with the following exceptions which are on a calendar year basis: fish and potatoes; condensed milk; milk powder; and butter.

- 1 Including sugar used in the manufacture of other foods subsequently exported. Excluding sugar in imported manufactured foods.
- 2 Excluding skim concentrate and condensed milk used in manufacture of chocolate crumb.
- 3 Disposals (excluding seed and chats) of home-grown and imported potatoes

- for human consumption, processing, export and sales for stockfeed through schemes for implementing the Agricultural Act, 1947.
- 4 Disposals of home-grown and imported potatoes for human consumption in the United Kingdom.
- 5 Provisional.

Sources Ministry of Agriculture, Fisheries and Food; Business Statistics Office

9.13

Landings of fish of British taking: landed weight and value
United Kingdom

	Landed weight (Thousand tonnes)						Value (£ thousand)					
	1982	1983	1984	1985	1986	1987 ¹	1982	1983	1984	1985	1986	1987 ¹
Total all fish	774.6	748.4	733.7	762.1	716.9	788.3	260 624	280 263	297 863	323 825	361 680	434 906
Total wet fish	709.7	676.2	661.0	687.2	629.3	677.3	218 129	229 233	240 587	258 904	284 161	338 965
Demersal: total	448.0	427.5	395.0	402.3	383.2	379.3	190 884	202 084	211 713	227 175	256 705	304 068
Catfish	1.1	1.3	1.3	1.4	1.5	1.6	398	494	589	755	1 035	1 318
Cod	114.3	112.6	90.9	90.0	76.5	92.5	71 623	72 466	65 258	69 945	69 140	86 057
Dogfish	10.8	10.6	12.3	13.8	11.6	13.6	3 206	3 287	3 547	4 550	6 376	7 201
Haddock	129.0	122.6	107.5	132.2	131.0	102.1	50 311	57 361	64 204	67 757	79 019	78 080
Hake	3.2	2.3	2.5	2.7	3.0	3.2	4 126	2 519	2 794	3 851	4 549	5 540
Halibut	0.1	0.2	0.1	0.1	0.1	0.1	363	360	319	365	372	446
Lemon sole	5.0	5.9	5.7	5.7	5.0	5.1	5 061	5 493	5 972	7 137	8 265	9 021
Plaice	24.3	21.0	21.5	20.4	21.3	25.8	13 822	13 774	14 097	13 821	16 048	22 537
Redfish	0.4	0.3	0.4	0.2	0.1	0.2	96	73	98	75	56	62
Saithe (Coalfish)	16.6	12.8	12.1	14.4	17.7	15.3	4 776	3 520	2 759	3 874	6 361	7 078
Skate and ray	6.1	6.5	6.8	7.0	6.9	8.6	2 744	2 881	2 792	2 992	3 908	4 742
Sole	2.1	2.3	2.4	2.7	3.2	2.9	5 553	5 877	6 717	9 093	14 500	16 988
Turbot	0.5	0.5	0.5	0.5	0.6	0.7	1 298	1 426	1 660	1 976	2 607	3 611
Whiting	50.7	57.0	60.7	50.2	41.1	51.3	13 448	17 715	23 006	18 997	18 460	25 199
Livers ²	0.1	..	..	..	..	..	4	..	..	1	1	..
Roes	0.6	0.5	0.6	0.5	0.5	0.5	345	275	321	390	348	499
Other demersal	83.1	71.1	69.7	60.5	63.1	55.8	13 710	14 563	17 580	21 596	25 660	35 689
Pelagic: total	261.7	248.7	266.0	285.0	246.1	298.0	27 245	27 149	28 874	31 730	27 456	34 897
Herring	47.9	54.2	71.5	95.4	106.1	100.3	5 903	6 994	9 076	11 493	11 881	12 214
Mackerel ³	185.7	175.5	186.3	174.2	132.1	189.3	19 332	18 649	18 768	18 694	14 766	21 485
Other pelagic	28.1	19.0	8.2	15.4	7.9	8.3	2 010	1 506	1 030	1 543	809	1 198
Total shell fish	64.9	72.2	72.6	74.8	87.6	111.0	42 495	51 030	57 274	64 920	77 519	95 941
Cockles	8.3	5.8	5.4	7.8	19.4	39.0	458	327	311	476	1 165	4 286
Crab	8.6	11.3	14.0	13.5	12.6	13.5	4 246	6 373	8 422	8 557	9 599	11 399
Lobster	0.8	1.0	1.2	1.1	1.0	1.1	4 251	5 748	7 696	8 030	7 680	9 346
Mussels	4.4	5.9	4.3	5.8	6.3	4.9	461	468	314	467	541	543
Nephrop (Norway lobster)	19.9	22.1	22.2	24.8	25.4	24.2	21 289	24 061	24 545	31 548	39 119	43 010
Oysters ⁴	0.4	0.3	0.4	0.5	0.6	0.1	925	636	770	734	845	241
Shrimps ⁵	1.6	1.1	0.7	0.8	1.4	3.3	1 147	739	566	711	1 254	4 368
Whelks	1.6	1.3	2.2	1.6	2.0	2.7	380	226	456	355	418	665
Other shell fish	19.3	23.4	22.2	18.9	18.9	22.1	9 338	12 452	14 194	14 042	16 898	22 083

1 Contains some provisional information.

2 Including the raw equivalent of any liver oils landed.

3 Includes transshipments of mackerel or herring i.e. caught by British vessels but not actually landed at British ports. These quantities are transhipped to foreign vessels and are later recorded as exports.

4 The weight of oysters is calculated on the basis of one tonne being equal to 15 748 oysters in England and Wales.

5 1986 data may include some prawn data.

Sources Ministry of Agriculture, Fisheries and Food; Department of Agriculture and Fisheries for Scotland

9.14

Fishing fleet¹

England and Wales

At 31 December in each year

											Number
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Total	4 080	4 146	4 405	4 047	4 637	4 228	4 680	5 067	5 381	5 639	5 576
By size:											
Under 40 ft.	2 948	3 044	3 288	2 917	3 504	3 126	3 662	4 079	4 482	4 919	4 793
40 ft.—79.9 ft.	887	892	934	967	969	931	853	834	764	572	614
80 ft.—109.0 ft.	63	56	53	53	64	76	82	89	91	95	109
110 ft.—139.9 ft.	88	77	72	60	63	63	57	55	37	48	52
140 ft. +	94	77	58	50	37	32	26	10	7	5	8
By normal method of fishing:											
Trawlers	1 592	1 560	1 741	1 573	1 750	1 759	1 757	1 686	1 285	1 561	1 730
Seine nets	209	218	234	230	227	216	195	181	150	83	63
Lines	647	678	723	697	794	469	499	629	534	802	810
Purse seine	0	1	6	6	4	3	5	3	2	1	0
Other nets ³	107	91	92	88	133	89	111	114	99	257	183
Other and unknown ⁴	1 525	1 598	1 609	1 453	1 729	1 692	2 113	2 454	3 311	2 935	2 790

1 Changes in the numbers of vessels (especially those under 40 ft.) are due partly to changes in the definitions used.

2 Provisional figures.

3 Gill and cod nets, drift and ring nets.

4 Includes shellfishing.

Source Ministry of Agriculture, Fisheries and Food

9.15

Scottish fishing vessels

At 31 December in each year

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	2 580	2 616	2 517	2 514	2 370	2 233	2 214	2 180	2 198	2 183	2 263
By size											
Under 40 ft.	1 480	1 510	1 412	1 417	1 288	1 189	1 191	1 184	1 216	1 216	1 275
40 ft.—59.9 ft.	564	553	541	536	530	514	496	469	461	435	440
60 ft.—79.9 ft.	452	462	476	479	477	468	467	469	461	465	469
80 ft.—109.9 ft.	45	55	57	57	51	40	38	35	32	33	38
110 ft. and over	39	36	31	25	24	22	22	23	28	34	41
By normal method of fishing											
Demersal trawl	359	364	365	359	339	315	291	244	253	235	253
Demersal pair trawl	5	9	26	38	72	70	76	104	116	122	132
Industrial trawl	13	15	9	6	9	19	17	12	10	6	6
Seine net	342	336	316	320	308	296	302	291	291	283	277
Lines	315	322	296	235	208	147	112	94	83	70	69
Purse seine	26	32	40	46	43	45	42	44	45	47	47
Pelagic trawl	90	82	50	42	35	34	26	23	20	12	7
Other nets ¹	20	13	11	15	22	27	43	48	46	43	32
Nephrops trawl	263	274	313	306	303	302	317	337	335	383	412
Other shellfishing ²	1 147	1 169	1 091	1 147	1 031	978	988	983	999	982	1 028

1 Gill and cod nets, drift and ring nets.

2 All shellfishing methods except nephrops trawl.

Source Department of Agriculture and Fisheries for Scotland

9.16

Estimated food and drink supplies per head of population

	Kg per head per year										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ¹
Grain products: Total	75.2	74.1	72.2	71.4	70.0	69.0	67.3	64.7	67.6	68.1	70.3
of which:											
Flour	66.2	65.3	63.7	63.2	61.4	60.5	58.6	55.9	58.4	58.7	60.5
Breakfast cereals	3.9	3.9	3.9	3.6	3.6	3.5	3.8	3.7	4.0	3.9	3.8
Rice	2.1	2.1	1.9	1.8	2.2	2.2	2.3	2.5	2.6	2.8	3.4
Sugar, honey and glucose (sugar content) ²	48.7	48.0	48.5	46.9	43.4	42.6	44.9	43.3	44.2	43.2	43.6
Meat: Total (edible weight)	55.5	56.5	58.2	59.5	56.7	55.5	53.8	54.4	53.9	54.8	55.4
of which:											
Beef (bone-in) ³	21.1	21.2	22.0	22.5	20.9	19.7	18.1	18.4	18.5	19.0	19.3
Lamb ³	7.6	7.0	7.0	7.1	7.5	6.7	7.3	7.1	6.8	6.9	6.4
Pork ³	10.2	11.5	11.7	12.7	12.6	12.9	13.2	13.3	12.5	12.7	12.8
Bacon and ham	8.5	9.0	9.2	9.3	9.0	8.8	8.4	8.4	8.3	8.1	8.1
Poultry ³	12.1	12.1	12.9	13.1	13.4	13.3	14.4	14.7	15.4	16.0	17.2
Imported meat products	3.9	3.9	3.9	4.1	3.4	3.7	3.1	3.3	3.6	3.7	3.7
Fish: Total (edible weight)	8.3	7.4	6.6	6.7	7.7	7.2	6.8	7.1	7.7	7.5	8.0
Dairy products: Total supplies of											
Butterfat	15.3	14.5	14.3	13.8	13.2	12.7	12.3	12.3	12.0	12.0	11.2
Solids-not-fat	18.5	18.0	18.0	18.4	17.6	18.1	17.9	18.4	19.5	19.6	18.8
of which:											
Liquid milk and cream ⁴	163.2	158.3	156.9	156.4	152.8	149.2	146.7	146.2	141.9	137.6	135.1
Liquid skimmed milk (as such) ⁵	0.0	0.0	0.8	0.8	0.9	1.9	2.5	3.7	7.4	10.0	12.2
Butter	8.3	7.8	7.5	6.8	6.3	5.8	5.4	5.4	5.1	5.0	4.2
Cheese	6.1	5.5	5.8	6.2	6.0	6.1	6.2	6.0	6.5	6.6	6.5
Whole milk used in products n.e.s.	6.2	5.6	5.4	5.4	5.2	5.3	6.3	6.4	6.3	6.2	6.9
Skimmed milk used in products n.e.s.	8.2	8.1	9.6	10.2	12.8	12.0	14.0	15.7	15.5	14.2	13.3
Whey used in products n.e.s.	11.5	11.7	13.4	14.9	14.3	16.2	15.4	14.8	14.7	15.6	12.4
Eggs and egg products (equiv. no. of eggs)	247	247	249	248	235	227	228	224	224	224	220
Oils and fats: Total (fat content)	16.5	18.9	17.4	18.5	19.2	20.2	21.2	21.7	21.7	22.4	22.9
of which:											
Margarine (net)	5.4	5.4	5.9	6.2	6.7	7.2	7.3	7.2	7.2	7.3	7.3
Lard and cooking fat	5.5	6.5	5.9	5.8	5.4	5.4	5.5	5.2	4.7	4.3	4.0
Other edible oils	6.0	6.2	6.2	5.7	6.2	6.8	7.5	7.9	7.8	9.5	10.6
Other fats including cocoa butter	2.2	3.3	2.4	2.1	2.4	2.5	2.6	3.1	3.7	3.0	2.7
Potatoes and potato products:											
Total (as raw equiv.)	85.0	95.6	101.6	105.8	99.3	103.4	105.5	106.1	103.0	107.6	112.4
of which:											
For distribution unprocessed	57.5	71.0	78.3	79.2	77.4	79.1	77.8	76.5	74.7	77.6	81.2
Fruit: Total ⁶	68.8	65.1	65.9	72.4	72.3	77.4	75.8	79.7	84.9	84.1	90.8
of which:											
Citrus	9.2	8.7	9.1	9.0	10.1	9.7	9.2	8.9	9.4	8.4	9.8
Tropical fruit	5.7	5.6	5.8	5.8	6.3	6.2	6.4	6.5	6.7	7.1	7.5
Other fresh fruit	20.1	16.1	19.0	19.8	19.8	18.7	20.3	20.1	20.7	20.8	21.4
Imported fruit juices (natural strength)	9.2	9.4	9.1	11.8	11.6	14.7	13.1	15.6	16.7	16.2	18.0
Other imported processed fruit	9.0	9.2	7.8	8.6	7.4	7.8	8.2	8.1	8.3	8.1	8.1
Vegetables: Total (as fresh equiv.) ⁶	70.4	79.6	70.2	69.5	71.7	72.2	77.9	77.0	81.8	82.2	85.7
of which:											
Tomatoes and leafy salads	8.9	9.2	9.2	9.1	9.2	9.9	10.1	9.9	10.9	11.0	11.3
Cabbage, carrots, peas and beans	28.3	34.6	37.4	31.4	32.0	31.9	33.1	29.5	32.0	30.3	32.2
Beetroots, parsnips and onions	9.4	12.7	13.0	13.4	12.4	11.9	11.3	11.7	12.0	12.9	12.7
Other vegetables	7.2	7.8	8.1	7.3	6.9	6.9	7.8	8.0	9.0	9.8	10.4
Imported canned tomatoes ⁷	3.7	4.1	3.0	4.5	4.0	4.5	4.5	4.6	4.8	4.7	5.7
Other imported processed vegetables	2.7	1.8	0.3	0.6	0.8	1.5	3.3	3.5	3.5	4.1	4.8
Pulses and nuts: Total ⁸	4.7	4.9	4.1	5.1	4.6	4.6	4.5	5.0	5.0	4.6	5.3
Tea	3.6	3.2	2.9	3.1	3.3	3.2	3.1	3.0	3.1	2.8	2.8
Coffee and cocoa	3.0	2.7	2.6	3.2	2.9	3.3	3.1	3.2	3.3	3.2	3.2
Alcoholic drink:											
Spirit (litres at 40% alcohol content)	4.1	3.5	4.3	4.7	4.4	4.2	4.0	4.1	4.0	4.3	4.3
Beer (litres)	118.9	117.8	121.4	122.0	116.4	110.6	109.0	110.4	110.0	108.7	108.1
Wine (litres)	6.7	6.4	7.5	8.1	8.1	8.6	8.7	9.5	10.4	10.9	11.4
Cider and perry (litres)	4.1	3.9	4.0	4.1	4.0	4.3	5.2	5.8	5.8	5.6	5.7

Source Ministry of Agriculture, Fisheries and Food

9.16

Estimated food and drink supplies per head of population

(continued)

Kg per head per year

Nutritional value of supplies per head per day

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ¹
Protein (grammes)	84.2	84.9	84.4	85.2	84.1	84.6	83.9	84.1	85.3	86.0	86.9
Fat (grammes)	146	142	136	132	132	134	134	135	134	136	137
Carbohydrate (grammes) ⁹	412	390	387	382	360	359	365	355	364	364	372
Energy (kilocalories):											
from Food	3 020	3 091	2 989	2 981	2 854	2 866	2 884	2 873	2 893	2 921	2 957
from Alcoholic drink	152	147	158	163	156	152	150	155	157	156	157

Note: For further details contact Mr K Williamson, MAFF (Telephone: 01-270 8559)

1 Provisional.

2 Includes estimated sugar content of manufactured food products but excludes sugar used to produce alcoholic drink.

3 Dressed carcase weight.

4 Supplies of liquid milk for resale as milk and for making cream.

5 Liquid skimmed milk for consumption as such derived as a by-product of cream and butter production.

6 Home grown products include those used for processing (e.g. canning, freezing).

7 Includes tomato juice, puree and paste.

8 Includes dried peas and beans for canning.

9 Available carbohydrate expressed as monosaccharides.

Source Ministry of Agriculture, Fisheries and Food

9.17

Self-sufficiency in food and the cost of food processing and distribution in the United Kingdom

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ¹
At current prices											
Home production of food	5 602	5 824	6 610	7 076	7 547	8 373	8 616	9 223	8 914	9 079	9 305
Net deficit/surplus in production of intermediate agricultural products ²	- 525	- 521	- 535	- 357	- 166	- 218	- 244	+ 327	- 186	- 248	- 353
Adjusted home production	5 077	5 303	6 075	6 719	7 382	8 155	8 372	9 550	8 728	8 831	8 952
Home production for home consumption ³	4 944	5 155	5 948	6 184	6 679	7 221	7 264	7 738	7 459	7 534	7 629
Indigenous type food imports	2 528	2 705	2 961	2 869	3 016	3 404	3 498	3 817	3 929	4 289	4 412
All indigenous type food consumed in the United Kingdom ⁴	7 472	7 860	8 909	9 053	9 695	10 624	10 762	11 555	11 388	11 823	12 041
Net imports of non-indigenous type food	2 305	2 229	2 488	2 339	2 378	2 643	2 914	3 618	3 692	3 732	3 626
All food consumed in the United Kingdom ⁴	9 777	10 089	11 397	11 392	12 073	13 267	13 676	15 173	15 080	15 555	15 667
Self-sufficiency (as a percentage of consumption of)											
(i) Indigenous type food	67.9	67.5	68.2	74.2	76.1	76.8	77.8	82.6	76.7	74.7	74.3
(ii) All food	51.9	52.6	53.3	59.0	61.1	61.5	61.2	62.9	57.9	56.8	57.1
Cost of processing and distributing all food in the United Kingdom ⁵	8 825	10 410	11 876	14 585	15 360	15 700	17 325	17 422	19 152	21 516	22 500
Total final expenditure on food	18 602	20 499	23 273	25 977	27 433	28 967	31 001	32 595	34 232	37 071	38 167
Cost of processing and distributing all food as a percentage of total expenditure ⁶	47.4	50.8	51.0	56.1	56.0	54.2	55.9	53.4	55.9	58.0	59.0
At constant (1980) prices											
Home production of food	6 576	6 757	6 892	7 076	6 801	7 074	7 127	7 334	7 257	7 243	7 323
Net deficit/surplus in production of intermediate agricultural products ²	- 561	- 586	- 629	- 357	- 144	- 275	- 233	+ 427	- 14	- 9	- 12
Adjusted home production	6 015	6 171	6 263	6 719	6 657	6 798	6 894	7 761	7 243	7 234	7 311
Home production for home consumption ³	5 743	5 935	6 118	6 184	6 055	6 117	6 009	6 216	6 175	6 016	6 057
Indigenous type food imports	3 064	3 016	3 159	2 869	2 932	2 951	2 895	2 988	3 025	3 265	3 221
All indigenous type food consumed in the United Kingdom ⁴	8 807	8 951	9 277	9 053	8 987	9 068	8 904	9 203	9 200	9 281	9 278
Net imports of non-indigenous type food	2 224	2 265	2 458	2 339	2 484	2 513	2 485	2 597	2 626	2 798	2 898
All food consumed in the United Kingdom ⁴	11 031	11 216	11 735	11 392	11 471	11 581	11 389	11 800	11 826	12 079	12 176
Self-sufficiency (as a percentage of consumption of)											
(i) Indigenous type food	68.2	68.9	67.5	74.2	74.1	75.0	77.4	84.3	78.7	78.0	78.8
(ii) All food	54.5	55.0	53.4	59.0	58.0	58.7	60.5	65.8	61.2	59.9	60.0
Cost of processing and distributing all food in the United Kingdom ⁵	13 743	14 247	14 311	14 585	14 289	13 991	14 774	14 269	14 722	15 608	15 405
Total final expenditure on food	24 774	25 463	26 046	25 977	25 760	25 572	26 163	26 069	26 548	27 687	27 581
Cost of processing and distributing all food as a percentage of total expenditure ⁶	55.5	56.0	54.9	56.1	55.5	54.7	56.5	54.7	55.5	56.4	55.9

Note: For further details contact Mr K Williamson, MAFF (Telephone: 01-270 8559)

1 Provisional.

2 The value of exports of feed, seed and livestock, plus the changes in stocks of feed and seed held on-farm and by the Intervention Board for Agricultural Produce, less the value of imports of feed, seed and livestock.

3 The value of home production of food, less the value of changes in stocks of food both on and off farms, and less the value of exports of indigenous type food.

4 At farmgate or landed value.

5 The difference between "Total final expenditure on food" and "All food consumed in the United Kingdom".

6 Taxes on food have been deducted and the value of subsidies added.

Source Ministry of Agriculture, Fisheries and Food

9.18

Estimated household food consumption by all households in Great Britain

	Ounces per person per week										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Liquid wholemilk ¹ (pints)	4.54	4.44	4.31	4.16	4.01	3.95	3.80	3.61	3.32	3.04	2.88
Other milk (pints or equivalent pints)	0.35	0.35	0.41	0.40	0.42	0.43	0.49	0.67	0.79	1.08	1.19
Cheese	3.80	3.72	3.84	3.89	3.89	3.80	4.01	3.84	3.91	4.16	4.09
Butter	4.70	4.55	4.45	4.05	3.69	3.17	3.27	2.87	2.83	2.27	2.14
Margarine	3.48	3.54	3.63	3.83	4.11	4.33	4.08	4.08	3.76	4.10	3.98
Lard and compound cooking fat	1.88	1.91	1.86	1.81	1.80	1.76	1.70	1.51	1.44	1.36	1.15
Eggs (number)	4.00	3.96	3.88	3.69	3.68	3.51	3.53	3.21	3.15	3.01	2.89
Preserves	2.36	2.15	2.17	2.05	2.08	1.99	2.05	1.95	1.87	1.98	1.88
Sugar	12.09	11.89	11.55	11.17	11.08	10.31	9.84	9.15	8.41	8.04	7.48
Beef and veal	8.25	8.27	8.27	8.13	6.96	7.06	6.57	6.27	6.51	6.58	6.77
Mutton and lamb	3.97	3.92	4.28	4.51	4.25	3.59	3.87	3.32	3.27	3.01	2.65
Pork	3.32	3.34	3.63	4.13	3.82	4.02	3.53	3.29	3.45	3.64	3.17
Bacon and ham, uncooked	4.34	4.31	4.35	4.20	4.14	3.95	4.02	3.58	3.69	3.68	3.46
Bacon and ham, cooked (including canned)	1.03	1.08	1.11	1.07	1.13	1.15	1.09	1.11	1.14	1.13	1.15
Poultry and cooked chicken	6.17	6.15	6.82	6.67	7.30	6.85	6.99	7.24	6.90	7.30	8.14
Other cooked and canned meats	2.55	2.66	2.64	2.40	2.42	2.51	2.65	2.45	2.60	2.59	2.45
Offals	1.21	1.11	1.04	1.03	1.04	0.97	0.84	0.83	0.79	0.74	0.69
Sausages, uncooked	3.47	3.54	3.49	3.25	3.41	3.33	3.33	3.00	2.97	2.73	2.66
Other meat products	4.23	4.46	4.57	4.70	4.81	5.19	5.18	5.44	5.42	5.67	3.84
Fish, fresh and processed	2.41	2.56	2.74	2.78	2.81	2.75	2.81	2.64	2.53	2.66	2.62
Canned fish	0.56	0.51	0.54	0.64	0.69	0.63	0.77	0.70	0.71	0.84	0.91
Fish and fish products, frozen	1.20	1.18	1.26	1.40	1.42	1.65	1.55	1.56	1.67	1.64	1.57
Potatoes (excluding processed)	40.79	44.05	43.59	40.95	41.87	41.11	39.88	39.82	40.96	38.76	37.68
Fresh green vegetables	12.15	13.45	10.88	12.42	11.98	11.24	10.78	10.83	9.78	11.11	9.97
Tomatoes, fresh	3.75	3.67	3.85	3.79	3.92	3.98	3.84	3.78	3.61	3.77	3.59
Other fresh vegetables and frozen vegetables	14.61	15.72	15.76	16.66	11.83	16.92	16.79	16.68	18.05	19.32	19.81
Canned tomatoes	1.17	1.16	1.27	1.43	1.52	1.38	1.44	1.34	1.61	1.82	1.51
Canned peas	2.54	2.46	2.67	2.25	2.36	2.53	2.30	2.19	2.31	2.17	1.98
Canned beans	3.97	3.92	4.09	4.00	4.12	4.16	4.45	4.45	4.43	4.79	4.59
Apples	6.46	7.02	7.88	7.85	7.28	7.02	7.08	6.84	6.93	7.26	7.05
Oranges	3.15	2.93	3.14	3.23	3.05	2.70	2.82	2.70	2.48	3.10	2.70
Other citrus fruit	1.75	1.84	1.87	2.04	1.92	1.72	1.97	1.85	1.60	1.97	2.11
All other fresh fruit	6.16	6.37	6.75	7.70	7.72	7.31	7.76	7.61	7.52	8.00	8.40
Canned fruit	3.19	3.05	2.84	2.79	2.61	2.65	2.42	2.28	2.05	2.22	2.06
Dried fruit, nuts and fruit and nut products	1.33	1.32	1.28	1.31	1.25	1.21	1.43	1.27	1.23	1.38	1.49
Flour	6.46	5.96	5.75	5.67	5.96	5.28	4.97	4.34	4.05	4.14	3.93
Bread	32.73	32.13	31.38	31.12	31.23	31.03	30.74	30.57	30.99	30.79	30.60
Buns, scones and teacakes	1.07	1.10	1.15	0.96	0.96	1.02	0.97	0.98	1.01	1.05	1.09
Cakes and pastries	2.80	2.67	2.86	2.77	2.81	2.74	2.62	2.58	2.48	2.55	2.61
Biscuits	5.62	5.45	5.54	5.40	5.39	5.66	5.47	5.29	5.22	5.42	5.32
Breakfast cereals	3.30	3.45	3.38	3.50	3.53	3.54	3.83	4.13	4.04	4.38	4.42
Oatmeal and oat products	0.51	0.47	0.45	0.42	0.46	0.37	0.45	0.42	0.49	0.55	0.49
Tea	2.07	1.99	2.11	2.05	1.98	2.02	2.04	1.80	1.74	1.74	1.71
Instant coffee	0.36	0.44	0.51	0.54	0.52	0.51	0.53	0.54	0.54	0.55	0.52
Canned soups	2.80	2.76	2.98	2.77	2.81	2.66	2.69	2.68	2.70	2.54	2.81
Pickles and sauces	1.66	1.74	1.83	1.81	2.01	1.97	2.15	2.10	2.14	2.18	2.09

Note: Page 170 contains a description of National Food Survey
1 Including also school and welfare milk.

Source Ministry of Agriculture, Fisheries and Food (National Food Survey)

10 Transport and Communications

10.1 Goods transport in Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ¹
Total tonne kilometres (thousand millions)	168.0	176.7	188.0	174.6	172.5	177.7	182.8	183.1	187.2	186.7	195.3
Road	98.2	99.3	102.3	92.4	92.9	93.8	95.5	100.3	103.3	105.7	113.3
Rail ²	20.3	20.0	19.9	17.6	17.5	15.9	17.1	12.7	15.3	16.5	17.3
Water: ³ Coastwise oil	25.0	29.9	34.0	38.6	38.0	39.8	40.2	41.0	39.4	34.0	31.8
Water: ³ Other	15.7	17.7	21.5	15.9	14.8	18.9	20.1	18.7	18.0	20.1	22.4
Pipelines ⁴	8.8	9.8	10.3	10.1	9.3	9.3	9.9	10.4	11.2	10.4	10.5
Total (million tonnes)	1 787	1 877	1 881	1 757	1 644	1 733	1 719	1 701	1 804	1 840	1 909
Road	1 419	1 491	1 487	1 383	1 286	1 376	1 349	1 395	1 451	1 476	1 542
Rail ²	171	171	169	154	154	142	145	78	122	140	141
Water: ³ Coastwise oil	44	49	52	54	52	54	53	53	50	45	43
Water: ³ Other	78	83	88	83	77	83	90	87	92	99	100
Pipelines ⁴	75	83	85	83	75	78	82	88	89	79	83

1 Water figures are provisional for 1987.

2 British Rail only. Traffic was affected by ASLEF industrial action in 1982 and by the miners' strike and associated action by BR staff in 1984 and 1985.

3 Revised series. Oil comprises crude oil and all Petroleum products.

'Coastwise' includes all sea traffic within the UK, Isle of Man and Channel Islands. 'Other' means other coastwise plus inland waterway traffic and one-port traffic (largely crude oil direct from rigs).

4 Excluding movements of gases by pipelines.

Source Department of Transport

10.2 Passenger transport in Great Britain: estimated passenger kilometres

	Thousand million passenger kilometres										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	420	439	437	454	457	463	471	487	496	520	544
Air ¹	2	3	3	3	3	3	3	3	4	4	4
Rail ²	34	35	35	35	34	31	34	35	36	37	38
Road:											
Public service vehicles ³	51	50	48	45	42	41	42	42	42	41	41 ⁵
Cars and taxis ⁴	323	342	342	361	367	376	380	395	403	428	451
Motorcycles ⁴	5	5	5	6	7	7	7	7	6	6	6
Pedal cycles	5	4	4	4	4	5	5	5	5	4	4

1 Domestic scheduled and non-scheduled services, including Northern Ireland, Isle of Man and Channel Islands.

2 British Rail, London Regional Transport and Passenger Transport Executive railway systems. The basis of calculating London Regional Transport railways' passenger kilometres has been revised from passenger kilometres paid for to passenger kilometres travelled. During 1982, British Rail traffics were affected by industrial action which took place on 34 days.

3 Calculated from operators' returns of numbers of passengers carried, using estimates for average length of journey.

4 Based on statistics of vehicle mileage derived from the traffic counts and estimates of average numbers of persons per vehicle, derived from the National Travel surveys.

5 Provisional figures.

Sources Department of Transport; Civil Aviation Authority

10.3 Length of public roads in Great Britain

At 1 April in each year

	Kilometres										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	334 708	336 264	337 978	339 633	342 320	343 942	345 776	347 488	348 837	350 797	352 295
Motorway ¹	2 236	2 394	2 455	2 556	2 646	2 692	2 741	2 823	2 853	2 925	2 980
Trunk	12 987	12 426	12 350	12 282	12 269	12 209	12 231	12 252	12 174	12 346	12 325
Principal	33 598	34 199	34 430	34 298	34 656	34 700	34 819	34 876	34 922	34 930	35 000
Other ²	285 887	287 245	288 743	290 497	292 749	294 341	295 985	297 537	298 888	300 596	301 990

1 Including local authority motorways, the percentage of which is small, less than 5%.

2 Excluding unsurfaced roads and green lanes.

Source Department of Transport

10.4

Estimated traffic on all roads in Great Britain

	Billion vehicle kilometres										
	1977	1978	1979	1980	1981	1982	1983	1984 ¹	1985 ¹	1986 ¹	1987
All motor vehicles	225.18	234.30	233.70	247.58	251.86	259.33	264.22	275.90	283.67	300.42	316.77
Cars and taxis ²	178.23	185.92	184.93	197.26	201.39	208.77	213.17	223.00	230.11	244.67	257.94
Two-wheeled motor vehicles	4.76	4.74	4.92	5.92	6.69	6.91	6.30	6.30	5.67	5.40	5.11
Buses and coaches	2.86	2.91	2.93	3.06	3.01	3.00	3.11	3.20	3.08	3.13	3.45
Total goods vehicles	39.33	40.73	40.92	41.33	40.79	40.66	41.62	43.39	44.80	47.22	50.28
Light vans ³	19.77	20.34	20.27	21.03	21.26	21.25	21.39	22.51	23.30	24.89	26.67
Other goods vehicles	19.56	20.39	20.65	20.30	19.53	19.41	20.24	20.88	21.50	22.33	23.61
Pedal cycles	5.11	4.25	3.80	4.20	4.49	5.27	5.19	5.08	4.69	4.23	4.36

1 Provisional.

2 This category includes three-wheeled cars; excludes all vans whether licensed for private or for commercial use.

3 Not exceeding 30 cwt. unladen weight.

Source Department of Transport

10.5

Motor Vehicles Currently Licensed^{1, 2}
Great Britain

	Thousands										
	1976	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	17 751	17 758	18 616	19 200	19 347	19 762	20 209	20 765	21 157	21 699	22 152
Private and light goods ³	15 112	15 166	15 722	16 233	16 421	16 816	17 158	17 721	18 161	18 753	19 249
Private cars ³	13 751	13 801	14 307	14 772	14 943	15 303	15 543	16 055	16 454	16 981	17 421
Other vehicles ³	1 361	1 365	1 415	1 461	1 478	1 513	1 615	1 666	1 708	1 771	1 828
Motor cycles, etc: total	1 207	1 194	1 292	1 372	1 371	1 370	1 290	1 225	1 148	1 065	978
Bicycles:											
Up to 50 c.c.	532	458	466	473	472	489	474	449	423	389	352
Other	675	736	826	899	899	881	816	776	725	676	626
Public road passenger vehicles: total	113	110	111	110	110	111	113	116	120	125	129
Buses, coaches, taxis, etc.											
Not over 8 passengers	34	37	37	39	40	43	46	49	53	57	58
Over 8 passengers	79	74	73	71	70	68	68	67	67	68	71
Goods ^{4, 5}	641	606	624	575	558	549	565	576	582	593	609
Agricultural tractors, etc. ⁶	398	394	402	397	365	371	376	375	374	371	374
Other licensed vehicles ⁷	120	111	106	100	95	91	86	82	78	73	68
Exempt from licence duty: total ⁸	160	177	359	412	427	454	621	670	695	720	744
Crown vehicles	36	33	35	37	37	37	39	39	39	39	39
All other exempt vehicles	124	143	324	375	390	417	582	631	656	681	706

1 Since 1978, censuses have been taken annually on 31 December and are obtained from a full count of licensing records held at DVLC Swansea. Prior to this, figures were compiled from a combination of DVLC data and records held at Local Taxation offices. Consequently pre-1978 figures are not strictly comparable. No census results are available for 1977.

2 Excludes vehicles officially registered by the armed forces.

3 Includes taxis also used privately.

4 As a result of changes in the taxation system since October 1982, about 970 000 vans and light goods vehicles previously licensed as Goods vehicles, have now been regrouped, together with 14 000 newly licensed goods vehicles under the heading Private and light goods; which has replaced the old Private category. Figures for previous years have been estimated to provide a continuous series of data.

5 Includes agricultural vans and lorries, showmen's goods vehicles licensed to draw trailers.

6 Includes combine harvesters, mowing machines, digging machines, mobile cranes and works trucks.

7 Includes three wheelers, pedestrian controlled vehicles and showmen's haulage.

8 From 1979 includes exempt tax classes 61 and 62 not previously included and from 1980 includes electric vehicles which are now exempt from licence duty.

Source Department of Transport

10.6

New vehicle registrations by taxation class
Great Britain

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total ¹	1 862.0	2 151.4	2 369.9	2 155.8	2 030.3	2 103.9	2 307.5	2 238.9	2 309.3	2 333.7	2 473.9
Private and light goods ² : total	1 445.0	1 745.8	1 891.5	1 679.5	1 627.2	1 728.0	1 970.9	1 913.2	2 006.9	2 047.2	2 184.3
Private Cars }	1 253.9	1 519.9	1 625.4	1 436.8	1 434.8	1 527.0	1 773.3	1 721.6	1 804.0	1 839.3	1 962.7
Other vehicles }	191.1	225.9	266.1	242.7	192.4	201.0	197.5	191.6	202.9	207.9	221.6
Motor cycles, etc.: total	251.3	225.3	285.9	312.7	271.9	231.6	174.5	145.2	125.8	106.4	90.8
Bicycles:											
Up to 50 c.c.	84.7	56.2	86.5	96.4	94.8	94.0	67.4	55.4	48.3	37.5	29.7
Other	166.6	169.1	199.4	216.3	177.1	137.6	107.1	89.8	77.5	68.9	61.1
Public road passenger vehicles: total	8.8	9.1	9.1	8.8	7.5	7.1	7.3	7.2	6.8	8.9	8.7
Buses, coaches, taxis, etc.											
Not over 8 seats	2.9	3.0	2.8	2.5	2.6	2.8	3.0	3.3	3.1	3.4	3.6
Over 8 seats	5.9	6.1	6.3	6.3	4.9	4.3	4.3	3.9	3.7	5.5	5.1
Heavy general goods ² and farmers' ³ goods vehicles: by weight	68.8	79.8	91.3	74.7	56.3	58.8	64.9	69.1	74.2	74.9	82.2
Privately owned agricultural tractors and engines ⁴	48.3	50.0	47.7	36.7	32.6	38.9	42.1	40.1	40.1	34.8	37.7
Other licensed vehicles ⁵	7.4	6.8	6.0	4.9	3.4	3.9	3.8	3.3	3.0	3.0	2.6
Exempt from licence duty: total	32.4	34.6	38.4	38.5	31.4	35.7	44.1	60.8	52.5	58.5	67.5
Crown vehicles	4.2	4.7	4.4	5.9	4.6	4.6	5.0	5.1	5.8	5.3	4.6
All other exempt vehicles ^{1,6}	28.2	29.9	34.0	32.5	26.8	31.1	39.1	55.7	46.7	53.2	63.0

1 Including personal and direct export vehicles.

2 Estimates of the total of vehicles within the Private and light goods taxation class, and within the Other goods class were estimated by assuming that all goods vehicles less than 1.5 tons unladen weight would have been registered in the Private and light goods class if it had existed prior to October 1982 when it first became effective.

3 Owned by a farmer and available for hauling produce and requisites for his farm.

4 Agricultural tractors are excluded unless driven on public roads.

5 Includes three wheelers, pedestrian controlled vehicles, general haulage and showmen's tractors.

6 From 1980 includes electric vehicles which are now exempt from licence duty.

Source Department of Transport

10.7

Driving tests
Great Britain
Applications and results

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Applications received	1 646.7	1 908.9	1 786.4	1 800.5	1 837.3	1 891.6	1 917.0	1 955.7	1 935.2	1 968.7	1 990.4
Tests conducted	1 767.8	1 632.2	1 569.6	1 962.0	2 031.3	2 005.3	1 892.3	1 784.1	1 841.8	1 999.7	1 981.0
Tests passed	810.8	757.3	742.1	927.8	966.8	965.0	921.0	875.4	895.9	972.1	989.7
Percentage of passes	46	46	47	47	48	48	49	49	49	49	50

Source Department of Transport

10.8

Vehicles with licences current¹
Northern Ireland

	Number											
	1976	1977	1978	1979 ²	1980	1981	1982	1983	1984	1985	1986	1987 ⁵
Total	403 219	416 057	428 956	438 949	442 348	436 695	462 560	481 854	506 698	468 611	472 855	
Private cars, etc.	325 766	337 890	347 091	358 010	364 590	365 000	388 030	411 780	430 660	405 090	415 050	413 573
Cycles and tricycles	15 252	16 826	17 006	14 860	14 720	14 550	15 500	14 790	15 700	12 360	10 820	8 946
Public road passenger vehicles: total	2 317	2 224	1 888	2 110	2 270	2 510	2 210	2 200	2 780	2 460	2 450	3 258
Taxis up to 4 seats	867	771	386	410	710	840	720	940	1 240	860	940	1 087
Buses, coaches, over 4 seats	1 450	1 453	1 502	1 700	1 560	1 670	1 490	1 260	1 540	1 600	1 510	2 171
General (HGV) Goods vehicles: total	40 306	39 190	39 708	41 810	38 900	33 760	34 060	29 450	34 510	26 650	23 610	45 646
Unladen weight:												
Not over 1525 kgs	18 426	18 123	17 936	18 820	16 720	13 190	15 490	10 530	15 440	8 850	7 830	29 009
Over 1525 and not over 12000 kgs	7 164	6 149	6 971	6 780	6 710	6 140	5 730	9 690	9 310	8 070	7 690	9 319
Over 12000 kgs	11 057	10 795	11 519	12 350	10 740	10 510	11 660	7 740	8 230	7 960	6 880	7 318
Farmers Goods Vehicles ³	3 641	4 054	3 222	3 710	4 620	3 770	1 090	1 440	1 430	1 630	1 090	1 831
Tractors for general haulage	7	59	50	130	80	130	70	50	90	120	100	148
Tower wagons	9	10	10	20	30	20	20	—	10	20	20	24
Agricultural tractors and engines, etc. ⁴	11 535	11 329	13 980	11 040	9 580	7 660	9 150	9 870	9 840	8 370	7 310	6 583
Vehicles exempt from duty: total	8 043	8 598	9 283	11 119	12 288	13 215	13 610	13 764	13 208	13 681	13 615	12 300
Government owned	5 645	6 534	7 088	7 756	7 978	9 395	9 390	9 604	10 258	11 071	11 115	4 458
Other:												
Ambulances	19	—	10	50	70	10	290	342	358	203	324	41
Fire engines	49	49	59	—	60	110	140	40	50	80	50	14
Other	2 330	2 015	2 126	3 313	4 180	3 700	3 790	3 778	2 542	2 327	2 126	7 787

1 Licences current at any time during the September quarter.
2 Licences current at any time during the quarter ended December.
3 Owned by a farmer and available for hauling produce and requisites for his farm.

4 Agricultural tractors are excluded unless driven on public roads.
5 Licences current at 31 March 1988.

Source Department of the Environment for Northern Ireland

10.9

New vehicles registrations
Northern Ireland

	Number											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	66 783	66 033	71 191	70 165	59 656	54 899	65 996	76 667	82 762	80 947	72 115	73 701
Private cars, etc.	51 989	50 287	56 728	56 053	47 228	44 427	54 793	64 493	68 627	66 629	60 591	62 480
Cycles and tricycles	5 174	4 813	4 133	3 471	3 543	3 533	3 111	2 814	2 815	2 286	1 893	1 447
Public road passenger vehicles: total	163	209	140	151	171	150	141	273	308	316	286	314
Taxis	33	35	21	27	26	32	38	153	182	163	142	34
Buses, coaches, etc.	130	174	119	124	145	118	103	120	126	153	144	280
Goods vehicles: total	6 002	6 522	6 705	7 226	5 917	4 631	5 482	5 961	7 617	7 996	6 537	6 833
General haulage vehicles: total	5 616	6 079	6 287	6 843	5 617	4 288	5 136	5 701	7 329	7 635	6 196	6 501
Unladen weight:												
Not over 1½ tons	3 492	3 529	3 839	4 324	3 590	2 561	3 225	3 466	4 782	4 898	3 698	3 829
Over 1½ and not over 3 tons	823	837	853	755	815	722	638	1 061	1 227	1 394	1 245	1 264
Over 3 tons	1 301	1 713	1 595	1 764	1 212	1 005	1 273	1 174	1 320	1 343	1 253	1 408
Agricultural vans and lorries ¹	382	439	407	370	282	339	343	249	271	336	340	322
Tractors for general haulage	4	4	11	13	18	4	3	11	17	25	1	10
Agricultural tractors and engines, etc. ²	2 558	3 230	2 626	2 222	1 489	1 158	1 324	1 894	2 139	2 511	1 565	1 394
Vehicles exempt from duty: total	897	972	859	1 042	1 308	1 000	1 145	1 232	1 256	1 209	1 243	1 233
Ambulances	37	6	3	5	1	34	10	13	51	3	9	10
Fire engines	7	—	10	16	2	7	8	1	8	10	—	3
Road construction vehicles	20	32	14	25	10	24	38	24	27	5	6	23
Other	833	934	832	996	1 295	935	1 089	1 194	1 170	1 191	1 228	1 197

1 Owned by a farmer and available for hauling produce and requisites for his farm.
2 Agricultural tractors are excluded unless driven on public roads.

Source Department of the Environment for Northern Ireland

10.10

Buses and Coaches
Great Britain

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985/6	1986/7
Number of vehicles¹	75.5	73.5	73.8	72.9	69.1	69.9	70.7	70.2	68.8	67.8	69.5
Single deck	47.6	46.5	47.1	47.1	43.6	44.7	44.8	44.9	43.2	42.9	45.1
Double deck	27.9	27.1	26.7	25.9	25.6	25.2	25.9	25.3	25.6	25.0	24.5
London Buses Ltd ²	6.4	6.3	6.3	6.2	6.2	5.9	6.2	5.6	5.7	5.2	5.1
Passenger Transport Authority companies ³	11.2	10.9	10.9	10.7	10.3	10.1	9.9	9.6	9.5	9.1	8.6
Municipal companies	6.1	6.0	5.9	5.9	5.7	5.5	5.3	5.3	5.3	5.2	5.1
National Bus Company & ex-NBC operators	19.4	18.8	18.2	17.8	16.0	15.3	15.0	14.6	14.5	14.7	16.4
Scottish Bus Group	4.1	4.1	3.9	3.8	3.6	3.4	3.3	3.1	3.1	3.4	3.4
Private operators	28.3	27.4	28.6	28.6	27.4	29.7	31.0	31.9	30.8	30.3	30.9
Vehicle kilometres (millions)	3 511	3 451	3 404	3 338	3 280	3 227	3 206	3 280	3 314	3 321	3 407
London Buses Ltd ²	293	289	278	265	279	282	265	264	268	262	251
Passenger Transport Authority companies ³	545	524	517	505	510	487	485	482	486	488	458
Municipal companies	259	250	246	242	241	233	232	231	235	232	237
National Bus Company & ex-NBC operators	1 142	1 110	1 075	1 045	1 026	973	972	969	981	979	1 042
Scottish Bus Group	231	216	212	208	203	206	200	202	201	210	210
Private operators	1 041	1 062	1 077	1 073	1 020	1 048	1 051	1 131	1 142	1 150	1 209
Passenger journeys (millions)	7 797	7 505	7 305	7 100	6 783	6 278	6 097	6 210	6 237	6 176	5 913
London Buses Ltd ²	1 423	1 374	1 302	1 234	1 183	1 081	1 043	1 089	1 163	1 147	1 129
Passenger Transport Authority companies ³	2 187	2 091	2 012	1 993	1 973	1 814	1 765	1 796	1 826	1 847	1 621
Municipal companies	1 115	1 077	1 052	1 019	952	886	854	854	837	799	761
National Bus Company & ex-NBC operators	1 923	1 858	1 825	1 795	1 669	1 529	1 479	1 460	1 440	1 453	1 411
Scottish Bus Group	379	358	351	350	339	322	314	319	311	320	307
Private operators	770	746	764	709	666	647	642	691	659	609	684
Passenger receipts (£ million)	1 035	1 144	1 265	1 404	1 637	1 745	1 908	2 024	2 085	2 218	2 266
London Buses Ltd ²	127	147	157	163	207	209	254	266	264	292	288
Passenger Transport Authority companies ³	212	234	255	282	328	334	364	379	389	406	417
Municipal companies	97	113	127	137	160	173	181	196	210	219	220
National Bus Company & ex-NBC operators	339	363	396	430	491	520	543	573	593	629	636
Scottish Bus Group	71	74	82	93	109	117	127	134	136	140	138
Private operators	190	213	248	300	342	393	437	476	494	532	567

1 1976–84 End of year; 1985/6 & 1986/7 Annual average. Includes trams.
2 1976–83 London Transport Executive; 1984 London Regional Transport.

3 1976–85/6 Passenger Transport Executives.

Source Department of Transport

10.11

Indices of local (stage) bus service fares
Index 1980 = 100
Great Britain

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
London Regional Transport ¹	55.6	63.7	72.4	100.0	106.6	132.3	134.8	123.5	134.8	144.1	148.5
Passenger Transport Authority	60.7	70.1	78.7	100.0	109.0	121.8	124.6	123.7	125.5	147.0	165.7
Municipal companies ²	66.5	73.0	80.6	100.0	119.8	134.3	144.4	155.3	161.6	167.2	173.1
Municipal and Passenger Transport Authority companies	62.5	71.0	79.3	100.0	112.5	126.0	131.1	134.1	137.3	153.9	168.3
Other operators ³	62.2	71.3	79.8	100.0	114.7	127.3	136.2	143.7	149.9	158.9	163.8
All operators	61.3	70.1	78.5	100.0	112.7	127.7	134.6	137.8	143.9	155.9	164.2
Retail prices index ⁴	69.0	74.7	84.8	100.0	111.9	121.5	127.1	133.4	141.5	146.3	152.4

1 Figures before 1984 refer to the London Transport Executive.
2 Formerly Passenger Transport Executives.

3 National Bus Company, Scottish Bus Group and private operators.
4 The published retail prices index has been rescaled to 1980 = 100 for comparability.

Source Department of Transport

10.12

Road accidents, vehicles involved and casualties
Great Britain

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Road accidents ¹	265 861	264 769	254 967	252 300	248 276	255 980	242 876	253 183	245 645	247 854	239 063
Vehicles involved:											
Pedal cycles	24 383	23 113	24 792	25 884	26 496	29 428	31 824	32 210	27 953	27 039	27 010
Motor vehicles	411 558	414 573	397 595	391 870	390 736	401 460	377 289	396 735	389 473	397 671	387 521
Two wheeled motor vehicles	73 676	71 382	69 173	73 054	70 949	73 033	65 962	65 340	57 822	53 562	47 024
Cars and taxis	268 813	275 098	265 327	262 979	265 531	275 507	261 714	279 954	278 517	290 560	287 636
Light goods vehicles ²	26 340	25 798	24 715	22 319	22 106	21 704	19 853	20 911	23 113	23 434	22 651
Heavy goods vehicles ³	18 508	18 795	18 194	15 343	14 554	14 688	13 504	14 197	14 452	14 773	15 107
Buses and coaches	15 548	15 443	14 808	13 814	13 083	12 911	12 763	12 302	12 468	12 137	11 766
Other motor vehicles	8 673	8 057	5 378	4 361	4 513	3 617	3 493	3 531	3 101	3 205	3 337
Vehicles involved per hundred million kilometres travelled											
Pedal cycles	477	543	653	617	590	559	613	634	606	645	619
All two-wheeled motor vehicles	1 548	1 505	1 407	1 235	1 061	1 057	1 046	1 037	988	1 001	920
Cars and taxis	151	148	144	133	132	132	123	126	121	120	112
Light goods vehicles ²	133	127	122	106	104	102	93	93	99	95	85
Heavy goods vehicles ³	95	92	88	76	74	76	67	68	67	67	64
Total casualties	348 061	349 795	334 513	328 600	324 840	334 296	308 584	324 314	317 524	321 451	311 473
Killed ⁴:											
Total	6 614	6 831	6 352	6 010	5 846	5 934	5 445	5 599	5 165	5 382	5 125
Pedestrians	2 313	2 427	2 118	1 941	1 874	1 869	1 914	1 868	1 789	1 841	1 703
Pedal cycles	301	316	320	302	310	294	323	345	286	271	280
All two wheeled motor vehicles	1 182	1 163	1 160	1 163	1 131	1 090	963	967	796	762	723
Cars and taxis	2 441	2 569	2 429	2 278	2 287	2 443	2 019	2 179	2 061	2 231	2 206
Others	377	356	325	326	244	238	226	240	233	277	213
Killed and seriously injured ⁵:											
By age group ⁶											
0 – 4	1 777	1 552	1 464	1 351	1 286	1 345	1 403	1 435	1 429	1 289	1 277
5 – 9	5 209	4 906	4 576	4 203	3 909	3 717	3 586	3 740	3 579	3 254	3 219
10 – 14	5 494	5 366	5 151	5 255	5 162	5 474	5 450	5 541	4 903	4 426	3 988
15 – 19	21 330	21 609	20 859	21 501	21 848	21 413	18 456	18 484	16 582	15 591	13 752
20 – 24	12 854	13 433	13 555	13 243	13 682	14 522	12 575	13 214	13 282	13 058	12 041
25 – 29	7 167	7 206	7 270	6 741	6 466	6 964	6 072	6 549	6 647	6 916	6 854
30 – 39	9 018	9 518	9 437	9 045	8 973	9 366	8 102	8 391	8 276	8 455	8 029
40 – 49	6 557	6 752	6 608	6 236	6 161	6 250	5 441	5 765	5 911	5 698	5 915
50 – 59	6 697	6 738	6 569	6 027	5 771	5 784	4 980	5 027	5 038	4 827	4 566
60 and over	11 723	11 801	10 870	10 806	10 399	10 464	10 003	10 512	9 850	10 017	9 081
By type of road user:											
Child pedestrians ⁷	8 303	7 925	7 359	6 893	6 547	6 695	6 640	6 823	6 663	5 992	5 472
Adult pedestrians	13 052	13 309	12 969	12 004	11 817	12 169	12 139	12 638	12 576	12 880	11 978
Child pedal cyclists ⁷	2 124	1 875	2 085	2 135	2 096	2 058	2 287	2 269	1 704	1 396	1 458
Adult pedal cyclists	2 889	2 854	3 135	3 386	3 393	3 893	4 109	4 326	3 910	3 814	3 638
Moped riders	3 697	3 347	2 908	2 933	2 903	3 109	3 241	3 188	2 919	2 571	2 221
Motor scooter riders	475	402	356	500	515	608	647	748	715	606	499
Motor scooter passengers	62	43	36	51	62	106	95	100	93	66	71
Motor cycle riders	15 166	15 510	15 797	16 926	16 398	16 296	14 260	14 109	12 838	11 819	9 989
Motor cycle passengers	2 028	2 142	2 133	2 246	2 400	2 514	2 021	1 805	1 547	1 370	1 086
Car and taxi drivers	19 363	20 441	19 970	18 932	19 149	19 460	15 472	16 530	16 722	17 132	17 167
Car and taxi passengers	15 315	15 950	14 993	14 309	14 476	14 525	11 574	12 467	12 385	12 554	11 919
Users of buses and coaches	1 333	1 200	1 071	952	961	962	969	929	1 036	859	826
Users of goods vehicles	3 762	3 744	3 530	3 093	2 891	2 797	2 283	2 354	2 454	2 552	2 590
Users of other vehicles	504	405	367	305	308	312	278	313	254	263	229
All severities											
Total	348 061	349 795	334 513	328 600	324 840	334 296	308 584	324 314	317 524	321 451	311 473
Pedestrians	71 276	70 295	66 714	63 299	60 750	61 419	61 674	63 474	61 390	60 875	57 453
Vehicle users	276 785	279 500	267 799	265 301	264 090	272 877	246 910	260 840	256 134	260 576	254 020
Breath tests on car drivers involved in accidents											
all drivers	268 813	275 098	265 327	262 979	265 531	275 507	261 714	279 959	278 517	290 560	287 633
tested	29 485	31 531	32 447	32 735	32 640	34 472	33 769	35 192	36 655	49 559	52 760
failed test ⁸	9 549	10 543	11 329	10 777	10 121	11 145	10 200	10 422	10 432	10 014	9 222

1 Accidents on public roads, involving injury, which are reported to the police.

2 1½ tons unladen weight and under.

3 Over 1½ tons unladen weight.

4 Died within 30 days of accident.

5 Hospital inpatients plus casualties with any fracture, internal injury, concussion, crushing, severe general shock, etc, *plus* deaths after 30 days.

6 These figures may not add up to total fatal and serious figures, due to the exclusion of road users whose age was not reported.

7 Age 0 – 14.

8 Positive result, or refused to provide a specimen.

Sources Department of Transport; Scottish Development Department; Welsh Office

10.13

Road accident casualty rates: by type of road user and severity
Great Britain

	Rate per 100 million vehicle kilometres										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ¹	1987
Pedal cyclists:											
Killed	5.9	7.4	8.4	7.2	6.9	5.6	6.2	6.8	6.1	6.5	6.4
Killed or seriously injured	98	112	138	132	123	113	123	130	121	125	117
All severities	459	522	623	591	563	534	589	609	577	623	593
Two-wheel motor vehicle riders											
Killed	21.7	21.2	20.9	17.2	14.7	13.4	13.4	13.5	12.0	12.4	12.7
Killed or seriously injured	406	406	388	344	296	290	288	286	293	281	249
All severities	1,353	1,315	1,225	1,073	920	920	917	916	915	898	825
Car drivers:											
Killed	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.5
Killed or seriously injured	11	11	11	10	10	9	7	7	7	7	7
All severities	46	46	45	40	40	40	34	36	37	38	36
Bus and coach drivers:											
Killed	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0
Killed or seriously injured	4	3	3	2	3	2	2	2	2	2	2
All severities	24	23	23	17	18	16	16	14	17	16	15
Light Goods Vehicle drivers:											
Killed	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.3
Killed or seriously injured	8	8	8	6	6	6	4	4	5	4	4
All severities	34	34	33	27	26	25	20	21	23	23	21
Heavy Goods Vehicle drivers:											
Killed	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
Killed or seriously injured	4	4	4	3	3	3	3	3	3	3	3
All severities	18	17	16	13	12	13	12	12	13	12	15
All road users:											
Killed	2.9	2.8	2.7	2.4	2.3	2.2	2.0	2.0	1.8	1.8	1.6
Killed or seriously injured	38	37	37	34	33	32	28	29	26	25	22
All severities	151	147	141	130	127	126	115	118	110	106	97

1 Includes other road users and road user not reported.

Source Department of Transport

10.14

Road goods transport: analysis by mode of working and by gross weight of vehicle
Great Britain

	1977	1978 ¹	1979	1980	1981	1982 ²	1983	1984	1985	1986	1987
Estimated tonne kilometres ² (Thousand million)											
Total	95.3	96.4	99.3	89.7	90.2	91.1	92.3	96.6	99.1	101.1	108.6
Own account	30.8	35.9	37.9	35.0	34.4	34.3	33.5	34.2	32.5	32.4	31.5
Public haulage	64.5	60.5	61.4	54.7	55.8	56.8	58.8	62.3	66.6	68.7	77.1
By gross weight of vehicle— (Billion tonne kilometres)											
Not over 25 tonnes	32.5	33.7	32.2	29.0	27.1	29.0	27.9	28.0	26.4	25.6	25.8
Over 25 tonnes	62.8	62.6	67.0	60.7	63.1	62.1	64.3	68.6	72.7	75.5	82.8
Estimated tonnes carried ² (Millions)											
Total	1 351	1 420	1 416	1 317	1 225	1 310	1 280	1 319	1 367	1 386	1 450
Own account	583	686	686	659	591	651	616	642	619	618	600
Public haulage	767	734	730	658	635	659	664	678	748	769	850
By gross weight of vehicle— (Million tonnes)											
Not over 25 tonnes	736	793	742	677	594	655	622	637	625	604	613
Over 25 tonnes	615	627	674	640	632	655	658	682	743	783	838

1 From 1978 onwards includes the small amount of work performed in Northern Ireland by British registered goods vehicles.

2 Excludes work done by small goods vehicles under 3.5 tonnes gross vehicle weight.

10.15

British Rail: assets and privately-owned freight vehicles operated
Great Britain

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ¹	1987 ¹
Rolling stock												
Tractive units: total ²	Number	8 397	8 413	8 506	8 358	7 947	7 690	7 374	7 153	7 101	7 032	6 768
Locomotives: total ²	"	3 610	3 580	3 571	3 379	3 131	3 016	2 850	2 756	2 581	2 441	2 270
Diesel ³	"	3 290	3 268	3 261	3 078	2 864	2 750	2 603	2 512	2 338	2 201	2 040
Electric	"	320	312	310	301	267	266	247	244	243	240	230
Power cars: total	"	4 787	4 833	4 935	4 979	4 816	4 674	4 524	4 397	4 520	4 591	4 498
Advanced passenger train	"	—	2	5	6	6	6	6	6	6	4	2
High speed train	"	76	109	136	142	181	197	197	197	197	197	197
Diesel ⁴	"	1 979	1 981	1 962	1 955	1 836	1 734	1 641	1 616	1 787	1 851	1 790
Electric ⁵	"	2 732	2 741	2 832	2 876	2 793	2 737	2 680	2 578	2 530	2 539	2 509
Coaching vehicles: total	"	21 882	21 458	21 511	21 068	18 962	17 628	16 963	16 489	16 164	15 336	14 648
Passenger carriages: total ⁶	"	17 044	17 028	17 175	17 042	16 166	15 400	14 807	14 362	14 062	13 677	13 013
Locomotive-hauled	"	6 086	5 967	5 885	5 567	5 070	4 468	4 059	3 865	3 582	3 276	2 891
Advanced passenger train	"	—	6	15	30	30	30	30	30	30	30	6
High speed train	"	302	421	533	630	664	709	709	713	722	712	712
Diesel multiple unit ⁷	"	3 313	3 293	3 284	3 257	3 096	2 917	2 703	2 627	2 744	2 625	2 382
Electric multiple unit ⁸	"	7 343	7 341	7 458	7 558	7 306	7 276	7 306	7 127	6 984	7 034	7 022
Non-passenger-carrying vehicles ⁹	"	4 838	4 430	4 336	4 026	2 796	2 228	2 156	2 127	2 102	1 659	1 635
Seats or berths in passenger carriages	Thousands	1 070	1 080	1 090	1 090	1 040	1 000	970	940	930	900	870
Freight wagons operated: total	Thousands	185.5	168.8	157.0	138.6	105.6	87.9	70.4	61.7	54.4	48.4	44.2
Wagons owned by British Rail: total	"	164.8	148.2	136.3	117.8	86.2	69.4	52.4	44.7	37.9	32.4	28.4
Air-braked wagons	"	14.2	15.9	17.5	18.8	20.0	20.1	19.8	19.5	19.4	19.4	20.0
Vacuum-braked wagons	"	76.3	70.7	66.3	59.8	50.1	40.2	28.3	21.9	15.6	10.8	7.6
Unbraked wagons	"	74.3	61.6	52.5	39.2	16.1	9.1	4.3	3.3	2.9	2.2	0.8
Wagons owned by Freightliners Ltd	"	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.7
Wagons owned by customers of British Rail	"	18.5	18.4	18.7	18.8	17.2	16.4	15.9	15.0	14.5	14.1	14.1
Permanent way¹⁰ and stations												
Route open for traffic: total	Kilometres	17 973	17 901	17 735	17 645	17 431	17 229	16 964	16 816	16 752	16 670	16 633
Electrified	"	3 767	3 716	3 718	3 718	3 729	3 753	3 750	3 735	3 809	4 154	4 207
Non-electrified	"	14 206	14 185	14 017	13 927	13 702	13 476	13 214	13 081	12 943	12 516	12 426
route open for passenger traffic	"	14 413	14 396	14 412	14 394	14 394	14 371	14 375	14 304	14 310	14 304	14 302
Track open for traffic: total	"	45 989	45 579	44 405	43 883	42 760	42 012	41 302	40 000	39 448	38 053	37 911
Running lines	"	35 768	35 628	35 307	35 101	34 705	34 289	33 778	33 312	33 027	32 728	32 665
Sidings	"	10 221	9 951	9 098	8 782	8 055	7 723	7 524	6 688	6 421	5 325	5 246
Stations: total ¹¹	Number	2 848	2 837	2 821	2 787	2 742	2 711	2 619	2 523	2 526	2 530	2 541
Passenger	"	2 358	2 364	2 365	2 366	2 361	2 369	2 363	2 375	2 385	2 405	2 426
Parcel	"	15	15	14	12	3	3	3	3	4	2	1
Freight	"	475	458	442	409	378	339	253	145	137	123	114

1 Figures at 31 March of the following year.

2 Excludes three narrow gauge steam locomotives.

3 Includes shunting locomotives (518 in 1987).

4 Diesel multiple unit power cars including a small number of non-passenger-carrying power cars (33 in 1987).

5 Electric multiple unit power cars including a small number of non-passenger-carrying power cars (23 in 1987).

6 Excludes 17 narrow gauge passenger carriages.

7 Includes Diesel multiple unit power cars (1 757 in 1987, also included under Tractive units—Power cars—Diesel).

8 Includes Electric multiple unit power cars (2 486 in 1987, also included under Tractive units—Power cars—Electric).

9 Excludes one narrow gauge non-passenger-carrying vehicle. Includes Advanced Passenger Train and High Speed Train power cars; also includes non-passenger-carrying power cars (33 diesel, 23 electric in 1987 which are also shown under Tractive units, Power cars); also includes brake vans (662 in 1987).

10 Excluding narrow gauge route open to traffic (19 kilometres in 1987).

11 Combined passenger and freight stations have been reclassified as single purpose stations over the period.

Source Department of Transport

10.16

British Rail: passenger and freight receipts and traffic
Great Britain

	Unit	1977	1978	1979	1980	1981	1982 ¹	1983	1984 ¹	1985 ¹	1986	1987
Traffic receipts: total²	£ million	1 066.9	1 224.3	1 383.1	1 555.0	1 646.3	1 494.9	1 762.9	1 633.8	1 882.4	2 065.5	2 209.9
Passenger: total ^{2, 3}	£ million	593.4	701.8	799.7	954.0	1 022.7	924.1	1 129.7	1 195.1	1 232.7	1 410.1	1 539.0
Full fares	..	250.9	292.0	336.4	394.5	419.1	358.0	842.1	889.2	943.2	1 026.8	1 106.8
Reduced fares	..	204.1	250.4	284.9	339.6	347.7	335.4					
Season tickets	..	138.4	159.4	178.4	219.9	255.9	230.7					
	..							287.6	305.9	339.5	383.3	432.2
Freight: total	..	457.8	503.9	562.9	601.0	623.6	570.8	633.4	438.2	596.2	655.4	670.9
Coal and coke	..	177.7	192.0	218.0	248.0	274.1	270.5	280.4	84.9	226.5	283.2	282.5
Iron and steel	..	56.4	59.4	67.5	46.8	65.0	51.9	57.5	50.8	52.8	59.0	68.5
Other	..	114.1	133.1	146.6	165.0	164.6	155.8	180.4	184.9	191.1	195.5	198.8
Merchandise by coaching train	..	73.7	82.6	89.9	91.4	119.9	92.6	115.1	117.6	125.8	117.7	121.1
Postal parcels and letter mails by coaching train	..	35.9	36.8	40.9	49.8							
Miscellaneous receipts ⁴	..	15.7	18.6	20.5	..	..	..	..	..	..	..	..
Traffic												
Passenger journeys: total ³	Million	702.1	723.8	748.2	760.2	718.5	630.1	693.7	702.4	697.4	699.1	710.5
Full fares	..	195.9	203.2	211.1	201.5	184.4	159.0	386.4	394.7	374.3	381.9	398.8
Reduced fares	..	211.6	227.0	227.8	227.5	211.6	202.9					
Season tickets ⁵	..	294.6	293.6	309.3	331.2	322.5	268.2					
Passenger kilometres: (estimated) total ³	..	29 300	30 000	30 700	30 300	29 700	27 200	29 500	29 800	29 700	30 800	32 200
Full fares	..	9 400	10 100	10 500	10 200	10 100	8 300	21 800	21 800	21 600	22 000	22 600
Reduced fares	..	11 800	11 800	11 900	11 700	11 400	11 600					
Season tickets ⁵	..	8 100	8 100	8 200	8 300	8 200	7 300					
Freight traffic originating: total ⁶	Million tonnes	172.2	171.8	170.5	154.7	155.1	142.6	146.0	79.3	122.9	140.3	141.0
Coal and coke	..	93.8	94.0	93.5	94.1	95.2	88.4	87.9	25.5	65.9	79.7	77.7
Iron and steel	..	26.0	24.7	25.1	12.9	18.2	14.2	15.9	12.4	14.1	16.8	19.1
Other	..	50.9	51.8	50.7	46.5	40.8	39.3	41.3	40.5	42.0	43.1	43.5
Merchandise by coaching train	..	0.9	0.9	0.8	0.8	0.9	0.7	0.9	0.9	0.9	0.7	0.7
Postal parcels and letter mails by coaching train	..	0.5	0.4	0.4	0.4							
Tonne kilometres: (estimated) total ^{6, 7}	Millions	20 300	19 982	19 893	17 640	17 505	15 880	17 144	12 700	15 400	16 600	17 300
Coal and coke	..	6 900	6 832	6 788	6 455	6 544	5 741	5 875	1 600	4 100	5 100	4 700
All other freight train traffic	..	13 400	13 150	13 105	11 185	10 961	10 139	11 269	11 100	11 300	11 500	12 600

1 British Rail traffic was affected by industrial action by ASLEF in 1982 and by the miners' strike and associated action by British Rail staff in 1984 and 1985.

2 Grants received by British Rail in respect of certain subsidised passenger services are not included in passenger receipts.

3 The receipts and passenger kilometres include an appropriate proportion in respect of through bookings with the railways of London Regional Transport and other administrations. Passenger journeys in respect of such through bookings are included. In 1985, 697 million journeys originated on British Rail only. From 1979 season ticket journeys include those in respect of West Midlands travel cards.

4 Miscellaneous receipts include charges for platform tickets, seat reservations, demurrage, provision of shunting services, etc. From 1980 Miscellaneous receipts are apportioned between the sectors.

5 All season ticket journeys and passenger kilometres were calculated on a rate of 480 journeys per year per annual season ticket and 540 journeys for shorter period tickets. Return tickets have been counted as two journeys.

6 Excluding free-hauled traffic on freight trains.

7 Excluding freight carried by coaching trains. In 1978 the method of estimating tonne-kilometres was changed to reflect the changing pattern in the operational working of freight trains. Pre-1978 figures have been re-estimated to bring them approximately onto the same basis as 1978 and subsequent years and rounded to the nearest 100 million.

Source Department of Transport

10.17

British Rail: operations
Great Britain

	Unit	1977	1978	1979	1980	1981	1982 ¹	1983	1984 ¹	1985	1986/87	1987/88
Loaded train kilometres												
Coaching: total ²	Millions	330.9	335.3	333.4	344.3	336.2	298.1	325.4	324.0	327.7	327.7	340.6
High speed trains	"	6.1	9.7	16.4	21.0	23.3	26.2	32.3	33.5	34.7	34.3	35.9
Diesel: locomotives	"	83.4	80.9	74.9	73.0	69.0	57.9	62.0	61.2	59.1	54.1	47.1
multiple units	"	88.9	88.4	87.2	88.5	86.7	74.5	78.4	76.5	79.3	82.5	91.1
Electric: locomotives	"	31.3	31.2	32.1	32.5	30.9	26.4	27.2	28.2	30.0	30.1	32.9
multiple units	"	121.2	125.2	122.8	129.3	126.3	113.0	125.5	124.5	124.6	126.7	133.6
of which, Non-passenger ³	"	20.2	19.7	18.1	17.5	13.7	11.6	14.5	14.9	16.2	16.0	15.4
Freight: total ⁴	"	65.1	60.4	58.0	52.3	49.0	43.4	45.4	38.7	36.8	50.0	50.4
Diesel locomotives	"	56.6	51.9	49.6	44.2	41.6	37.0	38.5	31.7	30.2	43.9	44.5
Electric locomotives	"	8.5	8.5	8.4	8.1	7.3	6.4	6.9	7.0	6.6	6.1	5.9

1 British Rail traffic was affected by industrial action by ASLEF in 1982 and by the miners strike in 1984.

2 Train kilometres worked by British Rail trains over all lines including certain London Regional Transport lines.

3 Non-passenger trains consist of vehicles for the conveyance of freight at coaching train rates.

4 Excludes free-hauled traffic on freight trains. From 1978, figures have been revised to reflect a change in the calculation of loaded train kilometres for 'Merry-Go-Round' coal traffic to power stations. From 1986/87 figures include unladen freight trains.

Source Department of Transport

10.18

London Regional Transport railways: receipts, operations and assets

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ¹
Receipts²												
Passenger: total	£ million	144.8	177.2	204.4	253.0	251.1	276.5	285.4	287.8	330.7	360.8	392.3
Ordinary	"	84.4	104.5	123.1	145.4	137.4	161.5	158.0	171.8	185.1	198.1	208.0
Reduced rate	"	12.2	16.4	19.6	25.4	28.8	31.2	27.4				
Season tickets	"	48.2	56.4	61.6	82.2	85.0	83.8	100.0	116.0	145.6	162.7	183.9
Traffic²												
Passenger journeys: total	Million	545	568	594	559	541	497	562	650	739	766	813
Ordinary	"	318	340	353	318	296	289	273	354	352	353	377
Reduced rate	"	37	45	51	52	63	49	77				
Season tickets	"	191	184	190	189	182	159	212	296	387	413	436
Passenger kilometres (estimated)	"	4 340	4 510	4 460	4 250	4 090	3 660	4 350	5 210	5 860	6 170	6 330
Operations³												
Loaded train kilometres	Million	48	47	46	47	49	46	46	46	48	48	49
Place kilometres	"	40 990	41 042	39 578	40 928	41 638	39 479	39 685	41 200	40 500	41 200	43 600
Rolling stock												
Railway cars	Number	4 323	4 223	4 228	4 353	4 267	4 069	3 885	3 918	3 875	3 877	3 905
Seating capacity	Thousand	174.1	172.0	170.0	174.0	165.7	169.0	165.0	167.7	166.2	166.2	167.2
Permanent way and stations												
Route kilometres open for traffic	Kilometres	383	383	388	388	388	388	388	388	388	394	394
Stations	Number	249	249	248	248	247	247	247	247	247	248	245

1 1987 figures are provisional.

2 The receipts and passenger kilometres include an appropriate proportion in respect of through bookings from British Rail. Passenger journeys in respect of such through bookings are included.

3 Train and place kilometres include kilometres run by London Regional Transport trains over British Rail lines.

Source Department of Transport

10.19

Accidents on railways

Great Britain

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Train accidents											
Number of accidents: total ¹	1 056	1 044	1 035	930	1 014	998	1 255	1 359	1 240	1 172	1 166
Collisions	306	283	256	290	280	250	315	300	282	266	290
Derailements	182	176	183	138	148	173	220	230	229	192	192
Running into level-crossing gates and other obstructions	345	336	323	286	353	284	363	471	440	452	392
Fires	153	166	186	151	165	163	165	168	191	174	191
Miscellaneous	70	83	87	65	68	128	192	190	98	88	101
Persons killed	12	22	20	7	7	11	10	30	6	27	11
Passengers	—	13	8	—	4	—	2	18	—	8	3
Railway staff	3	3	8	4	1	8	1	6	—	5	1
Others	9	6	4	3	2	3	7	6	6	14	7
Persons injured	308	233	422	447	195	264	218	475	380	511	396
Passengers	230	176	354	387	127	150	88	386	261	342	310
Railway staff	50	48	60	45	34	92	93	68	88	137	65
Others	28	9	8	15	34	22	37	21	31	32	21
Other accidents through movement of railway vehicles											
Persons killed	61	76	74	52	58	40	53	41	55	41	57
Passengers	27	32	42	25	31	18	25	21	31	24	36
Railway staff	28	33	24	20	21	17	24	14	16	8	11
Others	6	11	8	7	6	5	4	6	8	9	10
Persons injured	2 184	2 352	2 221	2 265	2 450	1 946	2 459	2 486	2 489	2 443	2 777
Passengers	1 778	1 959	1 887	1 945	2 218	1 822	2 341	2 400	2 383	2 346	2 689
Railway staff	395	383	325	309	219	121	97	73	96	80	85
Others	11	10	9	11	13	3	21	13	10	17	3
Other accidents on railway premises											
Persons killed	11	16	13	10	11	6	6	5	13	4	35
Passengers	3	2	2	1	4	2	2	—	2	1	30
Railway staff	3	9	11	8	5	2	3	5	9	3	4
Others	5	5	—	1	2	2	1	—	2	—	1
Persons injured	7 472	8 942	8 878	8 138	7 379	6 490	6 590	6 267	6 295	6 528	6 627
Passengers	2 514	2 842	2 805	2 977	2 657	2 571	3 381	3 473	3 518	3 577	3 650
Railway staff	4 797	5 726	5 737	4 848	4 530	3 740	2 981	2 530	2 533	2 691	2 781
Others	161	374	336	313	192	179	228	264	244	260	196
Trespassers and suicides											
Persons killed	320	345	314	360	369	296	358	339	318	325	316
Persons injured	134	121	136	141	127	141	153	128	128	120	101

¹ The figures from 1982 onwards include accidents to non-passenger trains on non-passenger lines not previously reported.

Source Department of Transport

10.20

Railways: permanent way and rolling stock
Northern Ireland
At end of year

	Number										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Length of road open for traffic¹ (Km)	332	332	332	332	332	332	332	332	332	332	332
Length of track open for traffic (Km)											
Total	575	575	575	575	575	575	575	575	575	575	553
Running lines	521	521	521	521	521	521	521	521	521	521	500
Sidings (as single track)	53	53	53	53	53	53	53	53	53	53	53
Locomotives											
Diesel-electrics	6	6	6	8	8	8	8	9	9	13	12
Passenger carrying vehicles											
Total	134	116	107	113	114	115	105	106	108	112	112
Rail motor vehicles:											
Diesel-electric, etc.	56	39	36	35	35	35	30	30	28	31	31
Trailer carriages:											
Total locomotive hauled	23	23	21	33	33	33	32	28	28	25	27
Ordinary coaches	22	22	20	32	32	32	30	26	26	23	25
Restaurant cars	1	1	1	1	1	1	2	2	2	2	2
Rail car trailers	55	54	50	45	46	47	43	48	52	56	56
Non-passenger carrying vehicles											
Post Office and luggage vans, etc.	29	27	27	27	27	27	20	9	6	—	—
Trucks and wagons owned											
Total	144	144	144	139	123	119	111	21	20	17	17
Merchandise wagons:											
Open	82	82	82	82	82	78	74	3	3	—	—
Covered	6	6	6	6	6	6	6	—	—	—	—
Rail and timber trucks	2	2	2	2	2	2	2	—	—	—	—
Brake vans	1	1	1	1	1	1	—	—	—	—	—
Special wagons	53	53	53	48	32	32	29	18	17	17	17
Containers	10	10	10	10	10	10	10	10	10	—	—
Rolling stock for maintenance and repair	149	151	151	162	170	158	115	60	64	54	44

1 The total length of railroad open for traffic irrespective of the number of tracks comprising the road.

Source Department of the Environment for Northern Ireland

10.21

Operating statistics of railways
Northern Ireland

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Maintenance of way and works												
Material used:												
Ballast	Thousand m ³	25.2	29.0	24.4	28.4	25.7	19.8	15.0	17.0	19.8	17.7	25.5
Rails	Thousand tonnes	1.21	2.33	3.65	1.02	1.38	1.70	1.06	1.86	1.95	2.20	0.73
Sleepers	Thousands	20.6	28.5	69.0	13.3	16.5	21.1	13.7	21.1	24.0	17.0	17.0
Track renewed	Km	16.09	21.7	48.2	9.0	12.5	16.09	9.6	16.09	16.9	5.0	15.3
Engine kilometres												
Total ¹	Thousand Km	4 234	3 532	3 632	3 730	3 712	3 683	3 579	3 410	3 558	3 579	3 576
Train kilometres:												
Total	"	2 883	3 035	3 130	3 200	3 105	3 102	3 392	3 405	3 411	3 401	3 398
Coaching	"	2 753	2 893	3 001	3 065	3 001	3 086	3 373	3 402	3 407	3 396	3 394
Freight	"	130	142	129	135	105	16 ²	19	3	4	4	4

1 Including shunting, assisting, light, departmental, maintenance and repair.

2 The reduction in mileage from 1982 is a result of changes in C.I.E./N.I.R. freight contract.

Source Department of the Environment for Northern Ireland

10.22 Main output¹ of UK airlines

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All services: total	10 505	11 970	12 751	13 212	13 087	11 848	12 011	13 155	13 408	14 306	15 853
Percentage growth on previous year	8.0	13.9	6.5	3.6	-0.9	-9.5	1.4	9.5	1.9	6.7	10.8
Scheduled services: total	6 834	8 095	8 841	9 829	9 936	9 068	8 989	9 854	10 166	10 655	11 430
Percentage growth on previous year	3.5	18.5	9.2	11.2	1.1	-8.7	-0.9	9.6	3.2	4.8	7.3
Non-scheduled services: total	3 671	3 875	3 910	3 383	3 151	2 780	3 022	3 301	3 242	3 651	4 423
Percentage growth on previous year	17.5	5.6	0.9	-13.5	-6.9	-11.8	8.7	9.2	-1.8	12.6	21.1

Mean rates of growth

	1946 to 50	1951 to 55	1956 to 60	1961 to 65	1966 to 70	1971 to 75	1976 to 80	1981 to 85	Percentage		
									Last 20 years	Last 10 years	Last 5 years
All services	..	..	..	13.8	10.8	5.1	8.4	1.5	6.0	2.1	6.6
Scheduled services	27.1	11.9	16.2	13.9	8.5	6.1	11.1	1.3	6.3	2.8	5.7
Non-scheduled services	..	..	..	13.5	17.5	3.1	2.3	2.3	5.0	0.4	9.0

1 Available million tonne-kilometres.

Source Civil Aviation Authority

10.23 Air traffic between the United Kingdom and abroad¹

Aircraft flights and passengers carried

	1977	1978	1979 ²	1980	1981	1982	1983	1984	1985	1986	1987
Flights											
Total	436.7	459.3	479.6	506.9	495.8	511.4	518.5	566.3	579.3	615.8	675.7
United Kingdom airlines											
Scheduled services	144.3	165.9	172.9	166.1	149.7	143.5	141.9	151.3	170.8	177.5	188.5
Non-scheduled services	121.6	115.1	121.8	153.9	162.2	176.3	184.9	214.0	196.2	198.8	219.2
Overseas airlines ³											
Scheduled services	145.6	150.7	155.8	157.8	152.0	154.3	155.2	160.9	172.8	195.8	222.8
Non-scheduled services	25.0	27.7	29.2	29.1	31.9	37.3	36.5	40.2	39.5	43.6	45.2
Passengers carried											
Total	34 648.2	38 912.1	41 603.8	42 644.6	43 732.0	44 131.9	46 284.9	51 154.8	52 862.7	51 608.1	66 578.6
United Kingdom airlines:											
Scheduled services	10 435.1	12 620.6	13 634.6	13 901.0	13 559.0	12 214.7	12 140.0	13 174.2	14 854.3	15 082.9	17 473.8
Non-scheduled services	8 776.5	9 340.1	9 997.9	11 195.3	12 128.9	13 216.6	14 661.9	16 643.7	15 529.0	12 929.7	22 250.5
Overseas airlines ³											
Scheduled services	13 042.0	14 284.3	15 113.0	14 900.9	15 398.8	15 520.5	16 065.6	17 623.0	18 815.6	19 409.5	22 441.5
Non-scheduled services	2 394.6	2 667.1	2 858.3	2 647.4	2 645.4	3 180.1	3 417.4	3 713.9	3 663.8	4 186.0	4 412.8

1 Excludes travel to and from the Channel Islands.

2 1979 figures do not include Sumburgh.

3 Includes airlines of overseas UK Territories.

Source Civil Aviation Authority

10.24

UK airlines¹

Operations and traffic on scheduled services: revenue traffic

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All services												
Aircraft stage flights:												
Number	Number	363 182	411 314	441 653	440 651	410 115	414 167	431 615	447 336	470 989	475 263	499 764
Average length	Kilometres	826	843	845	872	878	801	752	784	787	809	813
Aircraft-kilometres flown	Millions	300.3	346.7	373.4	384.4	359.9	331.7	324.6	350.9	370.6	384.7	406.3
Passengers uplifted	"	17.2	20.3	22.3	22.2	21.4	20.6	20.4	22.6	24.8	25.0	28.5
Seat-kilometres used	"	31 871.1	40 441.6	47 084.8	50 163.8	52 209.6	46 404.3	43 887.4	48 235.3	51 436.9	51 400.9	59 887.2
Cargo and Mail uplifted: total	Tonnes	256 658	278 016	294 380	294 692	294 866	263 798	294 247	363 461	358 927	376 023	405 419
Tonne-kilometres used: total	Millions	3 928.1	4 872.0	5 550.0	5 894.8	6 188.4	5 593.2	5 521.8	6 337.3	6 466.5	6 606.4	7 586.0
Passenger	"	2 908.0	3 710.3	4 300.9	4 503.2	4 674.5	4 223.7	4 004.0	4 405.1	4 700.6	4 708.9	5 497.6
Cargo	"	861.1	988.5	1 070.3	1 214.8	1 343.5	1 200.4	1 338.1	1 736.2	1 563.1	1 698.1	1 885.6
Mail	"	159.0	173.2	178.7	176.8	170.5	169.1	179.7	196.0	202.8	199.3	202.8
Domestic services												
Aircraft stage flights:												
Number	Number	151 900	176 628	199 101	201 227	188 534	201 887	221 560	254 064	258 502	255 764	266 226
Average length	Kilometres	286	283	279	287	282	279	274	265	268	278	276
Aircraft-kilometres flown	Millions	43.6	50.0	55.5	57.7	53.1	56.2	60.7	67.3	69.3	71.1	73.6
Passengers uplifted	"	5.5	6.4	7.2	7.2	6.6	7.1	7.2	8.3	9.0	9.1	10.1
Seat-kilometres used	"	2 081.1	2 444.6	2 763.9	2 770.3	2 600.7	2 752.7	2 791.4	3 237.8	3 494.3	3 566.9	3 926.5
Cargo and Mail uplifted: total	Tonnes	41 413	44 608	39 339	31 005	35 212	37 993	39 739	45 529	46 337	47 550	50 783
Tonne-kilometres used: total	Millions	189.8	220.8	248.7	242.6	229.7	237.3	240.7	278.4	299.9	305.9	335.6
Passenger	"	175.9	206.5	235.2	231.8	218.1	224.7	227.1	262.8	283.8	289.5	318.5
Cargo	"	11.2	11.4	10.2	7.1	7.3	7.5	7.7	10.2	10.2	10.5	10.7
Mail	"	2.6	2.9	3.2	3.8	4.3	5.2	5.9	5.4	6.0	5.9	6.4
International services												
Aircraft stage flights:												
Number	Number	211 282	234 686	242 552	239 424	221 581	212 280	210 055	193 272	212 487	219 499	233 537
Average length	Kilometres	1 215	1 264	1 310	1 365	1 385	1 298	1 256	1 467	1 418	1 428	1 425
Aircraft-kilometres flown	Millions	256.8	296.7	317.9	326.7	306.8	275.5	263.9	283.6	301.3	313.5	332.8
Passengers uplifted	"	11.7	13.9	15.0	15.0	14.8	13.5	13.2	14.3	15.8	15.9	18.5
Seat-kilometres used	"	29 790.0	37 997.0	44 320.9	47 393.5	49 608.9	43 651.6	41 096.1	44 997.5	47 942.7	47 834.0	55 960.7
Cargo and Mail uplifted: total	Tonnes	215 246	233 407	255 039	263 687	259 654	225 806	254 507	317 932	312 589	328 473	354 636
Tonne-kilometres used: total	Millions	3 738.3	4 651.2	5 301.2	5 652.2	5 958.7	5 355.9	5 281.1	6 058.9	6 166.6	6 300.4	7 250.4
Passenger	"	2 732.0	3 503.8	4 065.7	4 271.5	4 456.3	3 998.9	3 776.9	4 142.3	4 416.8	4 419.4	5 179.1
Cargo	"	849.9	977.1	1 060.1	1 207.7	1 336.2	1 193.0	1 330.4	1 726.0	1 552.9	1 687.6	1 875.0
Mail	"	156.4	170.2	175.4	173.1	166.2	164.0	173.8	190.7	196.9	193.4	196.3

1 Includes services of British Airways and other UK private companies (including operations performed by Cathay Pacific Airways on their Scheduled Service London—Hong Kong from May, 1981 until December 1984).

Source Civil Aviation Authority

10.25

Non-scheduled services by UK airlines¹

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All non-scheduled services ²												
Total	Tonne km available (millions)	3 670.9	3 875.2	3 909.8	3 383.4	3 151.3	2 780.0	3 022.2	3 301.1	3 242.1	3 650.8	4 423.3
Percentage of all UK services		34.9	32.4	30.7	25.6	24.1	23.5	25.2	25.1	24.2	25.5	27.9
Inclusive tours ³												
Total	Tonne km available (millions)	1 119.9	1 234.7	1 546.4	1 813.2	1 950.1	2 180.1	2 371.8	2 635.6	2 477.6	3 100.0	3 786.9
Percentage of all UK services		10.7	10.3	12.1	13.7	14.9	18.4	19.7	20.0	18.5	21.7	23.9
Other separate fare and advance booking charters ³												
Total	Tonne km available (millions)	793.2	616.1	352.3	344.9	335.9	184.5	240.4	291.1	327.7	264.9	308.4
Percentage of all UK services		7.5	5.1	2.8	2.6	2.6	1.6	2.0	2.2	2.4	1.9	1.9
Other charters												
Total	Tonne km available (millions)	1 757.9	2 024.4	2 011.1	1 225.3	864.8	415.4	410.0	374.3	436.8	285.9	328.0
Percentage of all UK services		16.7	16.9	15.8	9.3	6.6	3.5	3.4	2.8	3.3	2.0	2.1
Load factors and distances												
Inclusive tours ³												
Seat-kilometres available (A)	Millions	12 819	14 229	17 635	20 345	21 710	24 561	26 480	30 095	28 073	35 130	42 995
Seat-kilometres used (B)	"	10 796	12 571	14 921	17 117	18 516	20 775	22 731	25 855	24 996	32 091	38 700
(B) as a percentage of (A)		84.2	88.3	84.6	84.1	85.3	84.6	85.8	85.9	89.0	91.4	90.0
Passengers uplifted	Millions	6.825	7.673	8.750	9.663	10.156	11.902	13.038	14.616	13 631	17 374	20 723
Stage flights	Number	64 678	68 608	80 441	86 298	87 689	104 700	108 173	116 404	102 674	121 747	140 143
Aircraft-kilometres flown	Millions	97.4	107.8	130.8	147.1	154.3	178.5	181.9	197.0	177.6	213.1	248.9
Average distance per stage flight	Kilometres	1 507	1 571	1 626	1 705	1 760	1 705	1 682	1 692	1 730	1 750	1 776
Average distance per passenger	"	1 582	1 638	1 705	1 771	1 823	1 746	1 743	1 769	1 834	1 847	1 867
Other separate fare and advance booking charters ³												
Seat-kilometres available (C)	Millions	8 190	6 312	3 732	3 729	3 715	2 104	2 526	3 203	3 684	2 978	3 461
Seat-kilometres used (D)	"	6 786	5 068	2 872	2 943	3 071	1 759	2 189	2 789	3 090	2 507	2 882
(D) as a percentage of (C)		82.9	80.3	77.0	78.9	82.7	83.6	86.6	87.1	83.9	84.2	83.3
Passengers uplifted	"	1.731	1.535	1.069	1.161	1.457	0.685	0.677	0.825	1.018	0.728	0.907
Stage flights	Number	17 616	15 143	10 933	12 655	13 058	6 353	5 914	7 938	8 687	6 036	7 602
Aircraft-kilometres flown	Millions	41.6	33.2	20.8	21.8	22.8	12.1	13.9	15.8	17.0	13.5	15.6
Average distance per stage flight	Kilometres	2 358	2 193	1 903	1 724	1 746	1 905	2 344	1 990	1 954	2 238	2 057
Average distance per passenger	"	3 920	3 303	2 687	2 534	2 108	2 568	3 232	3 381	3 035	3 446	3 176

1 Includes services of the British Airways and other UK companies.

2 Excludes Air Taxi operations.

3 Inclusive tours performed under Class 4 licences are included with Other separate fare and advance booking charters.

Source Civil Aviation Authority

10.26

Trends in major United Kingdom airlines'
Operating costs and revenues 1977–1986

All airlines	1977	1978	1979	1980	1981	1982	1983	1984	1985 ¹	1986 ¹
Costs										
Comparison with 1980 (1980 = 100)										
Aircraft fuel and oil	43.8	46.2	74.7	100.0	105.5	109.5	106.5	126.2	122.4	82.5
Crew salaries and expenses	46.7	54.9	57.3	100.0	74.7	69.9	74.2	81.9	87.1	104.6
Aircraft depreciation and rental	78.3	83.0	90.8	100.0	113.8	100.3	106.7	149.3	194.4	217.2
Other costs	60.1	75.4	86.8	100.0	97.4	104.3	115.1	136.9	158.2	180.0
Total Operating Costs	57.1	68.0	83.7	100.0	101.5	105.7	112.1	134.0	148.9	153.7
Comparison with Total—Percentage distribution										
Aircraft fuel and oil	21.6	19.1	25.2	28.2	29.3	29.2	26.8	26.5	23.2	15.1
Crew salaries and expenses	6.3	6.2	5.3	5.0	5.7	5.1	5.1	4.7	4.5	5.3
Aircraft depreciation and rental	8.1	7.2	6.4	5.9	6.6	5.6	5.6	6.5	7.7	8.3
Other costs	64.0	67.5	63.2	60.9	58.4	60.1	62.5	62.2	64.6	71.3
Total Operating costs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Revenues										
Comparison with 1980 (1980 = 100)										
Scheduled services	60.0	74.9	88.5	100.0	103.6	114.4	124.4	147.3	160.2	161.1
Non-Scheduled services	66.0	68.7	80.9	100.0	114.8	133.8	147.3	170.6	171.2	186.2
Incidental Revenues	80.1	91.8	116.0	100.0	86.6	79.7	97.1	120.4	206.4	196.3
Total Operating Revenues	61.5	74.0	87.6	100.0	105.3	117.3	128.1	151.1	163.0	166.4
Comparison with Total—Percentage distribution										
Scheduled services	77.7	80.6	80.5	79.7	78.3	77.7	77.4	77.7	78.3	77.1
Non-Scheduled services	19.8	17.1	17.0	18.5	20.1	21.1	21.2	20.8	19.4	20.7
Incidental Revenues	2.4	2.3	2.5	1.9	1.5	1.3	1.4	1.5	2.4	2.2
Total Operating Revenues	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1 Excludes Virgin Atlantic whose Financial Report covers 18 months.

Revenues, expenses and profits of major United Kingdom airlines 1977–1986

	1977	1978	1979	1980	1981	1982	1983	1984	1985 ¹	1986 ¹
Total Operating Revenues	1 608.3	1 936.4	2 291.9	2 616.5	2 756.0	3 070.5	3 351.6	3 953.2	4 265.7	4 353.3
Total Operating Expenses	1 536.4	1 830.6	2 252.1	2 690.0	2 730.2	2 842.5	3 015.3	3 606.2	4 007.0	4 135.1
Operating profit (or loss)	71.9	105.8	39.8	(73.4)	25.8	228.0	336.3	346.9	258.7	218.2
Non-operating items (net)	(14.3)	12.1	(6.0)	(52.7)	(131.7)	(126.7)	(103.4)	(132.9)	(38.4)	(22.5)
Profit (or loss) before Tax	57.6	117.8	33.8	(126.1)	(105.9)	101.3	232.9	214.0	220.3	195.7

1 Excludes Virgin Atlantic whose Financial Report covers 18 months.

Source Civil Aviation Authority

10.27

United Kingdom airlines¹

Accidents on scheduled fixed wing passenger-carrying services²

	Number of fatal accidents	Passenger casualties		Crew casualties		Thousand aircraft stage flights per fatal accident	Million aircraft-Kms. flown per fatal accident	Thousand passengers carried per passenger killed	Million passenger-Kms. flown per passenger killed	Fatal accidents		
		Killed	Seriously injured	Killed	Seriously injured					per 100,000 aircraft stage flights	per hundred million aircraft-Kms.	Passengers killed per hundred million passenger-Kms.
1950-54	7	194	9	28	4	107.4	61.8	46.1	50.0	0.93	1.62	1.99
1955-59	7	123	28	29	8	158.3	92.1	155.2	158.5	0.63	1.09	0.63
1960-64	5	104	35	21	6	303.7	182.3	373.4	390.6	0.33	0.55	0.25
1965-69	6	273	2	32	2	282.7	194.9	222.2	255.2	0.35	0.52	0.39
1970-74	2	167	5	14	2	897.4	737.6	466.3	657.7	0.11	0.14	0.15
1975-79	1	54	6	9	—	1 797.2	1 481.6	1 697.0	3 240.0	0.06	0.07	0.03
1980-84	—	—	4	—	—	—	—	—	—	—	—	—
1983	—	—	4	—	—	2 196.3	1 708.8	—	—	0.05	0.06	—
1984	—	—	—	—	—							
1985	—	—	—	—	—							
1986	1	—	10	1	1							
1987	—	—	—	—	—							

1 Including services of UK Airways Corporations (reconstituted as the British Airways Board in 1973) and private companies.

2 Excluding accidents involving the deaths of third parties only.

Source Civil Aviation Authority

10.28

Activity at civil aerodromes

United Kingdom

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Movement of civil aircraft											
(thousands)	1 912	1 981	2 170	2 181	2 103	2 113	2 238	2 363	2 354	2 439	2 614
Commercial: total	846	905	987	1 046	1 028	1 072	1 243	1 179	1 205	1 238	1 312
Transport	759	827	903	954	927	974	1 019	1 079	1 097	1 125	1 193
Other ¹	87	78	84	92	101	98	224	100	108	113	118
Non-commercial ²	1 066	1 076	1 183	1 135	1 075	1 041	995	1 184	1 149	1 201	1 303
Passengers handled (thousands): total	47 078	53 369	57 848	58 942	58 979	60 033	62 301	68 830	71 812	76 593	87 517
Terminal	45 927	52 160	56 615	57 823	57 771	58 778	61 099	67 572	70 434	75 161	86 041
Transit	1 151	1 208	1 233	1 119	1 208	1 255	1 202	1 258	1 377	1 432	1 476
Commercial freight handled³											
(tonnes): total	704 849	746 103	795 315	744 244	723 709	692 693	725 897	860 629	850 268	881 202	975 879
Set down	286 921	325 531	364 662	352 133	341 932	320 604	332 162	388 292	377 127	419 275	485 468
Picked up	417 928	420 572	430 653	392 111	381 777	372 088	393 737	472 335	473 140	461 927	490 412
Mail handled (tonnes): total	66 812	71 109	86 097	98 336	106 497	118 406	124 080	136 640	145 770	153 467	155 199
Set down	27 412	29 404	36 675	44 978	50 063	55 200	56 943	61 461	64 138	67 802	67 758
Picked up	39 400	41 705	49 422	53 358	56 434	63 206	67 138	75 179	81 632	85 665	87 441

1 Local pleasure flights and non-transport charter flights for reward (for example: aerial survey work, crop dusting and delivery of empty aircraft).

2 Test and training flights, scheduled service positioning flights, private, aero-club and official flights, etc.

3 Figures include weight of vehicles carried on vehicle ferry services.

Source Civil Aviation Authority

10.29

United Kingdom and Crown Dependency registered trading vessels of 500 gross tons and over¹
Summary of tonnage by type
End of year

	1977	1982	1986		1986	1987
Number				Number		
Passenger ²	107	87	79	Passenger ⁴	8	9
Cargo liners	453	212	115	Container	66	59
Tramps	301	191	132	Other dry cargo ⁵	234	218
Bulk carriers ³	271	146	50	Bulk carriers ⁶	73	55
Tankers	413	349	169	Tankers	165	165
All vessels	1 545	985	545	All vessels	546	506
Thousand gross tons				Thousand gross tons		
Passenger ²	654	582	588	Passenger ⁴	259	260
Cargo liners	4 547	2 920	1 932	Container	1 677	1 635
Tramps	882	409	244	Other dry cargo ⁵	858	833
Bulk carriers ³	8 181	5 101	1 864	Bulk carriers ⁶	2 003	1 322
Tankers	15 797	10 221	3 083	Tankers	3 249	3 010
All vessels	30 061	19 233	7 711	All vessels	8 046	7 059
Thousand deadweight tonnes				Thousand deadweight tonnes		
Passenger ²	210	167	156	Passenger ⁴	47	47
Cargo liners	5 394	3 240	2 031	Container	1 709	1 623
Tramps	1 361	646	395	Other dry cargo ⁵	842	706
Bulk carriers ³	14 249	8945	3 321	Bulk carriers ⁶	3 569	2 351
Tankers	29 288	17 889	5 499	Tankers	5 908	5 472
All vessels	50 501	30 885	11 402	All vessels	12 073	10 198

1 In 1986 a new classification of ship types was introduced. This is based on ship descriptions used by Lloyd's Register of Shipping from which the Department of Transport has been taking figures data since 1986. Because of this change, figures for 1986 in table 10.29 have been given on both bases.

2 All vessels with passenger certificates.

3 Bulk carriers of 10,000 deadweight tons and over or approximately 6,000 gross tons and over including combination—ore/oil and ore/bulk/oil-carriers.

4 Cruise liner and other passenger.

5 General cargo roll-on/roll-off and lift-on/lift-off vessels, specialised dry cargo vessels and passenger ro-ro vessels.

6 Bulk carriers (large and small) including combination ore/oil and ore/bulk/oil-carriers.

Source Department of Transport

10.30

United Kingdom and Crown Dependency registered trading vessels of 100 gross tons and over¹
Age distribution by type of vessel
End of year

	1986						1987						Per cent
	Passen-ger ²	Con-tainer	Other dry cargo ³	Bulk carriers ⁴	Tankers	All vessels	Passen-ger ²	Con-tainer	Other dry cargo ³	Bulk carriers ⁴	Tankers	All vessels	
Percentage of vessels in each age group													
Age (years)													
Under 5	9	11	8	17	2	8	8	12	11	23	3	9	
5–9		26	15	34	26	20	–	25	14	41	30	21	
10–14	18	26	20	31	19	21	17	27	21	24	18	21	
15–19	36	36	18	9	26	21	34	34	17	7	26	20	
20–24		1	15	5	15	13	8	2	13	3	13	12	
25 and over		–	24	4	12	17	33	–	24	2	10	17	
Total	100	100	100	100	100	100	100	100	100	100	100	100	
No. of vessels	11	66	461	77	205	820	12	59	432	58	202	763	
Percentage of deadweight tonnage in each age group													
Age (years)													
Under 5	10	12	10	11	1	6	10	13	15	22	1	9	
5–9	–	19	29	30	27	27	–	18	19	41	28	29	
10–14	6	30	31	50	51	46	6	30	34	35	54	44	
15–19	53	38	12	5	8	12	53	38	11	1	8	11	
20–24	12	1	14	4	10	7	12	1	16	1	6	5	
25 and over	19	–	4	–	3	2	19	–	5	–	3	2	
Total	100	100	100	100	100	100	100	100	100	100	100	100	
Total deadweight tonnes	47	1 709	938	3 572	5 927	12 193	47	1 623	799	2 354	5 489	10 311	

1 See Table 10.29 footnote 1.

2 All vessels with passenger certificates.

3 General cargo roll-on/roll-off and lift-on/lift-off vessels, specialised dry cargo vessels and passenger ro-ro vessels.

4 Bulk carriers (large and small) including combination ore/oil and ore/bulk/oil carriers.

Source Department of Transport

10.31

United Kingdom and Crown Dependency registered trading vessels of 100 gross tons and over¹
End of year
Analysis by deadweight tonnage (dwt) and type of vessel

Size group (thousand dwt)	1981		1986		1987	
	Percentage of vessels	Percentage of deadweight tonnage	Percentage of vessels	Percentage of deadweight tonnage	Percentage of vessels	Percentage of deadweight tonnage
All vessels						
Under 10	48	4	76	9	77	10
10 and under 20	15	7	5	5	5	5
20 and under 50	23	21	13	28	12	29
50 and under 100	5	11	2	10	3	15
100 and under 250	6	27	3	25	2	21
250 and over	3	30	1	23	1	20
Total	100	100	100	100	100	100
Number/tonnes	..	..	820	12 193	763	10 311
Passenger²						
Under 10	98	83	91	66	92	66
10 and over	2	17	9	34	8	34
Total	100	100	100	100	100	100
Number/tonnes	..	..	11	47	12	47
Container						
Under 10	..	..	23	5	19	4
10 and under 20	..	..	9	6	8	5
20 and over	..	..	68	89	73	91
Total	..	..	100	100	100	100
Number/tonnes	..	..	66	1 709	59	1 623
Other dry cargo³						
Under 10	..	..	95	60	96	68
10 and over	..	..	5	37	4	28
20 and over	..	..	—	3	—	4
Total	..	..	100	100	100	100
Number/tonnes	..	..	461	938	432	799
Bulk carriers⁴						
Under 10	..	—	33	3	40	4
10 and under 20	9	2	14	4		6
20 and under 50	53	26	25	17	17	15
50 and under 100	14	16	5	8		10
100 and under 250	23	54	23	68		65
250 and over	1	2	—	—		—
Total	100	100	100	100	100	100
Tankers						
Under 10	37	2	65	4	64	5
10 and under 20	6	2	2	1	3	2
20 and under 50	31	16	20	21	18	20
50 and under 100	10	11	7	17	9	23
100 and under 250	6	19	2	10	2	12
250 and over	10	50	4	47	4	38
Total	100	100	100	100	100	100

1 See Table 10.29 footnote 1.

2 Cruise liner and other passenger.

3 General cargo roll-on/roll-off and lift-on/lift-off vessels, Specialised dry cargo vessels and passenger ro-ro vessels.

4 Bulk carriers (large and small) including combination-ore/oil and ore/bulk/oil-carriers.

Source Department of Transport

10.32

International seaborne trade of the United Kingdom

Weight of cargo: analysis by area of consignment and proportion carried by UK registered vessels

	Dry cargo				Tanker cargo				All cargo			
	1986		1987		1986		1987		1986		1987	
	Total	UK flag	Total	UK flag	Total	UK flag	Total	UK flag	Total	UK flag	Total	UK flag
	Million tonnes	Per cent	Million tonnes	Per cent	Million tonnes	Per cent	Million tonnes	Per cent	Million tonnes	Per cent	Million tonnes	Per cent
Exports and re-exports												
Near and short sea:												
EC ¹	28.8	31	26.5	34	64.7	24	64.5	23	93.6	26	90.9	27
Scandinavia ² and Baltic	6.7	9	8.1	8	10.4	34	8.6	32	17.1	24	16.7	20
Rest of Europe and Mediterranean	3.2	17	2.7	21	0.1	11	0.5	1	3.3	17	3.1	19
All ³	38.7	26	37.3	27	75.3	25	73.5	24	114.0	26	110.8	25
Deep sea:												
Central and West Africa	0.5	40	0.5	31	0.2	15	0.1	9	0.7	32	0.6	29
South and East Africa	0.7	3	0.7	6	—	11	—	6	0.7	3	0.8	6
Gulf and Indian Ocean	2.5	11	2.9	7	0.2	15	0.1	5	2.7	11	3.0	7
Far East	2.5	19	3.0	12	0.5	1	—	9	3.0	15	3.1	12
Australasia	0.5	42	0.6	41	—	7	—	20	0.5	41	0.6	41
North America	2.9	22	3.4	20	24.1	8	24.7	8	27.0	10	28.2	9
Central and South America	0.5	11	0.6	7	0.1	36	—	13	0.6	15	0.7	8
West Indies	0.3	29	0.3	30	1.2	17	0.2	—	1.5	20	0.4	18
All	10.2	19	12.1	15	26.3	9	25.2	8	36.6	12	37.3	10
All trades	49.0	24	49.4	24	101.6	21	98.7	26	150.6	22	148.1	22
Imports												
Near and short sea:												
EC ¹	40.5	32	42.9	34	13.4	31	11.4	28	53.8	32	54.3	33
Scandinavia ² and Baltic	14.5	12	14.9	15	14.8	6	17.7	4	29.3	9	32.5	9
Rest of Europe and Mediterranean	3.7	19	3.6	19	8.0	6	8.7	13	11.6	10	12.3	15
All ³	58.7	27	61.3	29	36.1	16	37.7	13	94.8	22	99.1	23
Deep sea:												
Central and West Africa	0.9	12	1.4	35	3.8	8	1.2	2	4.8	9	2.6	21
South and East Africa	3.3	19	3.5	30	0.2	—	0.2	6	3.5	18	3.7	29
Gulf and Indian Ocean	0.8	8	0.9	4	8.8	9	5.5	12	9.6	9	6.3	11
Far East	3.0	16	3.1	14	0.6	2	0.4	2	3.6	14	3.5	13
Australasia	7.2	18	7.5	15	0.2	8	0.2	9	7.4	18	7.7	15
North America	14.0	25	15.9	26	0.8	9	0.3	9	14.9	24	16.3	26
Central and South America	5.0	19	5.9	27	2.4	9	3.6	10	7.4	16	9.6	21
West Indies	1.0	28	1.0	23	0.9	11	0.2	2	1.9	20	1.1	20
All	35.2	21	39.2	23	17.8	8	11.5	10	53.0	17	50.7	20
All trades	93.9	24	100.6	27	53.9	13	49.3	13	147.8	20	149.8	22

1 Figures for European Community (EC) relate to the eleven member countries.

2 Excluding Denmark.

3 Total near and short sea imports for tanker cargo includes imports from the Continental Shelf (foreign) not separately identified.

Sources Department of Transport; HM Customs and Excise

10.33

International seaborne trade of the United Kingdom

Total and proportion carried by UK registered vessels

	Total seaborne trade						Percentage carried by UK registered vessels						
	1982	1983	1984	1985	1986	1987	1981	1982	1983	1984	1985	1986	1987
Exports¹ plus Imports by sea													
Weight (million tonnes)													
All cargo	242.3	247.1	274.1	286.1	298.4	297.9	28	28	24	23	23	21	22
Dry bulk cargo	63.2	64.8	69.9	73.4	72.0	76.3	30	33	28	24	26	22	24
Other dry cargo	59.3	60.0	63.0	66.1	70.9	73.6	32	32	29	31	31	27	27
Tanker cargo	119.8	122.3	141.2	146.6	155.5	148.0	26	24	20	19	18	18	18
Value (£ hundred million)													
All cargo	898.9	996.0	1 160.9	1 279.2	1 219.2	1 332.7	36	35	35	36	36	36	37
Dry bulk cargo	56.1	62.0	73.6	74.2	66.4	64.1	26	25	23	22	22	19	19
Other dry cargo	671.8	750.7	858.0	960.3	1 023.8	1 136.8	40	38	39	41	42	40	40
Tanker cargo	171.0	183.3	229.3	244.7	128.9	131.7	26	24	20	20	19	19	18

1 Including re-exports.

Sources Department of Transport; HM Customs and Excise

10.34

International seaborne trade of the United Kingdom

Proportion of trade carried by the principal flags

	Percentage											
	Dry cargo				Tanker cargo				All cargo			
	1986		1987		1986		1987		1986		1987	
	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value	Weight	Value
Exports¹												
United Kingdom	24.4	38.3	24.5	39.8	21.1	21.6	20.0	20.3	22.2	35.7	21.5	36.9
Germany (Federal Republic) ²	17.0	14.4	14.9	12.8	3.6	4.4	2.1	2.7	8.0	12.9	6.4	11.3
Norway	2.0	1.8	1.7	1.3	4.8	5.1	7.3	6.9	3.9	2.4	5.4	2.2
Netherlands	9.0	5.0	8.2	5.1	0.8	0.8	0.3	0.4	3.5	4.4	3.0	4.4
Liberia	2.1	0.9	2.7	1.0	24.2	22.6	21.6	20.6	17.0	4.2	15.3	3.9
Denmark	1.8	2.3	1.7	2.1	0.6	0.7	1.0	1.1	1.0	2.0	1.2	2.0
Other European Community flags ³	15.8	16.0	13.4	14.0	14.6	14.2	14.2	14.0	14.9	15.6	13.9	13.9
All other flags	27.9	21.3	32.9	23.9	30.3	30.6	33.5	34.0	29.5	22.8	33.3	25.4
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Imports												
United Kingdom	24.4	38.3	26.5	38.9	13.3	14.7	12.6	13.4	20.4	36.7	21.9	37.4
Liberia	5.7	1.2	4.8	0.8	18.4	17.3	12.2	10.7	10.3	2.2	7.2	1.4
Norway	3.2	1.7	2.3	1.1	21.3	20.7	23.5	22.5	9.8	2.9	9.3	2.4
Greece	2.5	0.5	3.0	0.5	9.5	7.3	6.6	5.7	5.1	1.0	4.2	0.8
Germany (Federal Republic) ²	15.1	14.9	13.3	14.2	2.9	4.4	1.8	3.0	10.6	14.2	9.5	13.5
Netherlands	6.2	4.4	6.1	4.6	1.0	1.8	0.8	1.5	4.3	4.2	4.4	4.4
Other European Community flags ³	11.1	19.2	10.7	17.7	6.1	6.6	9.2	9.8	9.2	18.5	10.2	17.2
All other flags	31.8	19.8	33.3	22.2	27.5	27.2	33.3	33.4	30.3	20.3	33.3	22.9
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1 Including re-exports.

2 Federal Republic of Germany.

3 European Community, includes Spain and Portugal for 1986 and 1987 although they did not become members until 1.1.86.

Sources Department of Transport; HM Customs and Excise

10.35

Seaport traffic of Great Britain

Analysis of all foreign and domestic¹ traffic by mode of appearance

	Million gross tonnes											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Foreign traffic												
Imports												
Bulk fuel traffic	101.3	83.4	78.7	76.9	63.8	53.7	49.1	42.0	60.0	57.2	61.7	57.3
Other bulk traffic	43.4	40.0	37.4	40.3	29.4	32.8	31.8	34.3	34.6	36.7	37.3	42.0
Container and roll-on traffic	15.4	16.4	18.4	20.4	20.4	21.9	23.4	26.0	28.1	29.8	31.1	34.0
Semi-bulk traffic	14.4	13.5	14.0	14.7	13.6	12.3	14.1	14.6	14.6	14.5	15.8	16.9
Conventional traffic	5.5	4.9	4.3	4.8	4.0	3.0	2.3	2.3	2.3	1.7	1.5	1.6
All imports	180.0	158.2	152.8	157.1	131.2	123.7	120.7	119.1	139.6	139.9	147.4	151.8
Exports												
Bulk fuel traffic	32.2	43.1	53.3	72.0	79.9	86.9	92.0	96.0	97.3	103.1	101.9	100.2
Other bulk traffic	10.5	12.0	13.1	13.2	14.7	16.2	15.3	16.3	18.7	17.7	21.1	20.4
Container and roll-on traffic	13.3	14.5	15.8	16.0	16.7	16.5	17.1	18.6	20.3	21.3	22.1	23.9
Semi-bulk traffic	3.3	3.9	3.6	3.4	2.7	3.6	3.0	3.5	3.6	4.1	4.0	5.1
Conventional traffic	3.5	4.2	4.9	3.0	3.3	2.7	2.9	2.1	1.8	1.6	1.2	1.2
All exports	62.8	77.7	90.7	107.5	117.1	125.8	130.3	136.5	141.7	147.8	150.4	150.7
Domestic traffic¹												
Bulk fuel traffic	82.8	97.7	110.6	122.8	124.3	118.3	129.0	130.7	123.2	119.9	112.2	108.1
Other bulk traffic	27.0	28.5	29.5	30.4	31.6	29.6	30.3	31.7	31.0	31.7	32.7	34.8
Container and roll-on traffic	4.0	4.6	5.1	5.4	4.6	4.5	5.1	5.4	5.4	5.9	6.2	7.3
Semi-bulk traffic	0.6	0.6	0.6	0.5	0.3	0.3	0.2	0.2	0.4	0.3	0.2	0.2
Conventional traffic	3.2	2.8	3.2	3.1	1.0	0.7	0.4	0.3	0.2	0.3	0.3	0.3
Non-oil traffic with UK offshore installations ³	..	..	..	..	1.9	2.1	2.1	2.2	3.2	3.6	2.9	3.1
All domestic traffic	117.6	134.3	149.0	162.2	163.7	155.6	167.2	170.4	163.5	161.6	154.5	153.8
Total foreign and domestic traffic	360.3	370.2	392.4	426.8	412.0	405.1	418.3	426.0	444.7	449.3	452.3	456.2

1 Domestic traffic refers to traffic, through the ports of Great Britain only, to all parts of the United Kingdom, Isle of Man and the Channel Islands. Traffic to and from offshore installations, landing of sea dredged aggregates and material shipped for dumping at sea are included.

2 Including crates and immediate packaging.

3 Previous to 1980 included in conventional traffic.

Note

The mode of appearance classification was introduced by the Department of Transport and the British Ports Federation (Formerly British Ports Association) from 1982 onwards and corresponds with similar classifications used in other countries including the Statistical Office of the European Communities. It refers to the way cargoes are presented for loading/unloading at ports. Primarily, it distinguishes between bulk and break-bulk cargoes but the latter are further sub-divided into categories which are more meaningful to ports, shipping and inland transport from an operational point of view. Further details of this new classification are provided in *Port Statistics 1987* available from the British Ports Federation, London.

Source Department of Transport

10.36

United Kingdom international passenger movement by sea and air
 Arrivals plus departures by country of embarkation or landing¹

	Thousands										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All passenger movements											
By sea	18 295	19 927	21 289	23 621	25 222	26 359	26 776	26 205	26 287	26 797	26 074
By air	34 040	38 492	41 195	42 068	42 965	43 511	45 233	49 991	51 770	56 555	65 734
Irish Republic:											
By sea	1 943	2 316	2 342	2 502	2 422	2 621	2 761	2 875	2 866	2 628	2 581
By air	1 727	1 933	2 015	1 861	1 806	1 726	1 645	1 714	1 807	2 107	2 721
Total	3 670	4 249	4 357	4 363	4 228	4 347	4 406	4 589	4 673	4 735	5 302
European continent and Mediterranean Sea area ²											
By sea: total	16 087	17 400	18 732	20 893	22 603	23 628	23 856	23 172	23 241	24 026	23 327
Belgium	4 391	4 428	4 421	5 192	4 714	4 678	4 415	4 608	4 411	3 792	3 328
France ³	8 602	9 805	11 112	12 621	14 734	15 747	16 140	15 353	15 645	16 867	16 826
Netherlands	1 977	2 056	2 044	1 940	1 958	1 968	2 210	2 191	2 207	2 258	2 092
Other European Community ⁴	616	704	734	748	772	808	705	656	589	649	671
Other countries	501	407	421	392	425	427	386	364	389	459	410
By air: total	23 147	25 950	27 627	28 043	28 423	29 697	30 985	34 371	35 050	39 402	45 472
Belgium	854	874	867	809	757	748	824	942	988	986	1 112
Denmark	626	621	626	558	510	490	548	592	613	622	670
Federal Republic of Germany	2 619	2 882	3 081	3 136	2 948	2 998	3 006	3 384	3 644	3 820	4 347
France	2 904	3 026	3 102	3 070	3 105	3 193	3 275	3 537	3 736	3 667	4 236
Italy	2 037	2 279	2 550	2 692	2 335	2 378	2 494	2 582	2 583	2 714	3 065
Netherlands	1 934	1 994	1 959	1 903	1 813	1 843	1 808	2 014	2 227	2 311	2 660
Norway	591	564	550	557	543	585	616	647	721	706	725
Portugal	399	474	591	701	849	963	1 068	1 248	1 547	1 916	2 134
Sweden	524	524	500	449	450	433	454	502	511	566	644
Switzerland	1 289	1 372	1 413	1 444	1 469	1 576	1 711	1 875	2 016	2 112	2 325
Greece	884	1 162	1 562	1 839	2 095	2 123	2 006	2 301	2 875	3 349	3 981
Spain	4 617	5 553	5 654	5 592	6 332	7 624	8 293	9 543	7 749	10 290	11 925
Yugoslavia	285	428	508	414	492	476	480	605	813	899	1 070
Soviet Union and E. Europe	338	418	534	532	454	361	409	476	591	542	628
Middle East countries ⁵	1 960	2 271	2 250	2 257	2 256	2 201	2 240	2 212	2 311	2 343	2 510
Other countries ⁶	1 286	1 508	1 880	2 090	2 015	1 705	1 753	1 910	2 125	2 559	3 440
Rest of world											
By sea: total	80.9	52.0	40.3	45.9	35.4	22.5	35.4	36.0	42.4	36.1	40.9
United States of America	33.2	34.0	27.1	33.3	27.5	16.9	28.7	28.8	35.1	31.3	36.0
Canada	3.9	3.3	2.4	2.5	2.0	1.4	1.7	1.1	1.5	1.5	2.4
Australia	19.0	7.6	5.7	4.2	2.0	1.7	1.3	1.6	1.9	0.9	1.0
New Zealand	4.6	1.5	1.4	0.7	0.6	0.4	0.2	0.3	0.0	0.4	0.3
Southern Africa	13.0	0.2	0.4	2.0	0.6	0.3	1.4	2.3	2.4	0.8	0.2
West Africa	0.4	0.1	0.4	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1
British West Indies and Bermuda	0.9	0.6	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Other countries ⁷	5.9	4.6	2.5	2.4	2.3	1.5	1.6	1.6	1.2	0.9	0.8
By air: total	9 166	10 609	11 553	12 164	12 736	12 088	12 603	13 906	14 913	15 045	17 541
United States of America	4 091	5 128	5 388	5 914	6 142	5 334	5 739	6 521	6 970	6 336	7 734
Canada	1 510	1 505	1 637	1 496	1 451	1 369	1 366	1 392	1 528	1 501	1 692
Australia and New Zealand	385	429	618	596	509	538	500	507	510	495	531
Southern Africa	324	344	367	410	439	459	420	447	432	395	446
East Africa	200	224	240	249	237	214	211	215	235	243	282
West Africa	340	370	366	440	518	542	575	501	568	549	358
Caribbean area	282	303	353	367	382	356	355	374	398	419	524
Indian sub-continent	444	491	563	604	636	656	609	594	636	666	714
Japan	200	216	257	235	253	265	264	302	337	356	460
Other countries ⁷	1 390	1 599	1 764	1 853	2 169	2 355	2 564	3 052	3 299	4 084	4 800
Pleasure cruises beginning and/or ending at United Kingdom seaports											
	184	158	175	180	162	86	124	121	137	107	125

1 Passengers carried in aircraft chartered by British government departments, HM and other armed forces travelling in the course of their duties and air traffic to and from oil rigs are excluded. Passengers travelling by sea on day trips are excluded as far as possible.

2 Includes North Africa and Middle East Mediterranean countries.

3 Includes hovercraft passengers.

4 Greece, Portugal and Spain have been included in this grouping from 1976 onwards even though they joined the EEC in 1981 and 1986 respectively.

5 Includes Algeria, Egypt, Israel, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Persian Gulf States, Saudi Arabia, Syria, Tunisia, United Arab Emirates, Yemini Arab Republic, Yemini Peoples Republic.

6 Austria, Faroes, Finland, Gibraltar, Iceland, Luxembourg, Malta, Turkey, Cyprus.

7 Canary Islands, Far East nes, Central and South America, Atlantic Ocean Islands, Indian Ocean Islands, Pacific Ocean Islands.

Sources

Department of Transport; Civil Aviation Authority

10.37

Postal services and television licences
Years ended 31 March¹
United Kingdom

	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Letters and parcel post													
Letters, etc. posted ²	Millions	9 383	9 485	9 965	10 208	10 072	9 985	10 255	10 665	11 439	11 721	12 535	13 568
of which:													
Registered and insured	"	39.1	37.4	37.1	36.7	36.6	33.5	33.5	32.5	33.5	33.2	33.2	33.1
Airmail (Commonwealth and foreign) ³	"	529	511	503	493.4	436.8	393.0	378.0	379.3	417.8	383.1	377.7	427.2
Business reply and freepost items	"	206.4	215.7	225.3	305.1	309.2	308.2	336.2	356.9	352.6	365.4	370.0	371.1
Parcels posted ⁴	"	159.1	156.6	168.3	176.8	168.8	179.6	189.6	194.9	202.5	186.5	192.2	197.1
of which:													
Registered and insured ⁵	"	4.6	5.0	5.3	4.7	4.2	3.8	3.6	3.8	3.9	3.7	3.5	3.2
Inward and transit parcels handled	"	3.4	3.3	3.2	3.4	3.6	3.4	3.2	3.1	3.0	2.6	2.8	2.6
Postal orders													
Total issued ⁶	"	192 231	180 308	169 989	153 947	121 636	87 154	68 605	63 511	58 553	56 466	54 779	50 656
Telegrams and telephones													
Telegrams: total	Thousands	18 676	17 312	16 601	15 546	13 662	11 521	7 694 ¹⁰	5 710	} 11			
Inland	"	3 440	3 259	3 347	3 372	2 963	2 276	901 ¹⁰					
Foreign (via Post Office system) ⁷	"	15 236	14 053	13 254	12 174	10 699	9 245	6 793	5 710				
Telex connections	Number	64 804	71 586	79 503	85 752	89 930	92 378	92 622	95 115				
Telephone calls (Inland): total	Millions	15 956	17 303	19 122	19 857	20 175	20 806	21 403	22 686				
Local	"	13 500	14 600	16 100	16 600	16 840	17 360	17 800	18 750				
Trunk	"	2 456	2 703	3 022	3 257	3 335	3 446	3 603	3 936				
Telephone calls (International): total	Thousands	54 603	70 537	86 930	106 427	116 533	132 255	148 478	172 746				
Continental	"	42 364	52 689	62 998	75 287	79 467	86 352	93 109	104 065				
Intercontinental	"	12 166	17 767	23 850	31 045	36 971	45 806	55 265	68 574				
Maritime	"	73	81	82	95	95	97	104	107				
Telephone stations ⁸ : total	Thousands	21 516	23 016	24 760	26 807	27 870	28 450	28 882	29 336				
Public call offices	"	77	77	77	77	77	77	77	77				
Private stations	"	21 439	22 939	24 683	26 730	27 793	28 373	28 805	29 259				
Telephone exchanges ⁹ : total	Number	6 260	6 231	6 231	6 300	6 338	6 318	6 296	..				
Automatic	"	6 260	6 231	6 231	6 300	6 338	6 318	6 296	..				
Manual	"												
Television licences													
in force on 31 March	Thousands	18 056	18 149	18 381	18 285	18 667	18 554	18 494	18 632	18 716	18 705	18 953	19 354
of which:													
Colour	"	9 958	11 049	12 131	12 902	13 780	14 261	14 699	15 370	15 819	16 025	16 539	17 134

1 Years ended 31 March for letter and parcel post, postal orders and telegrams sent. For all other items figures relate to 31 March in each year.

2 Including printed papers, newspapers, postcards and sample packets.

3 Including letters without special charge for air transport.

4 Includes Irish Republic inward traffic.

5 Includes compensation fee parcels.

6 Excluding those issued on HM ships, in many British possessions and in other places abroad. For 1980, 1981, 1984, 1986, 1987 and 1988 includes Overseas and Army.

7 Excluding those sent abroad via the private cable companies system.

8 A station is a telephone provided for the use of a customer or renter.

9 Excluding auto-manual and trunk exchanges.

10 Inland telegram service ceased from 1 October 1982, 1983 figures are therefore not comparable with earlier years.

11 Any enquiries should now be referred to: British Telecom plc, 81 Newgate Street, London EC1A 7AJ.

Sources Home Office; Post Office

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11 Distributive Trades, Research and Development

Annual retailing inquiries (Table 11.1)

The retailing inquiry covers businesses which operate in Great Britain and are engaged in retail distribution. It is undertaken on a sample basis from a register of businesses which the Business Statistics Office (BSO) maintains largely from information obtained by Customs and Excise in the administration of value added tax (VAT). The inquiry is addressed to businesses classified to the retail headings in the VAT trade classification (other than opticians) and also businesses outside retailing which are believed to undertake retailing activity. The inquiry does not cover those businesses that are not registered for VAT, nor those retailers who are registered but with a VAT turnover beneath the mandatory threshold for VAT registration.

The results of the inquiries are presented using a 'kind of business' classification which is consistent with the Standard Industrial Classification 1980. Following a review of the retailing inquiry, two important changes to the inquiry procedures were introduced with effect from the 1986 inquiry. The main change concerns the collection of information in the retailing inquiry, which is now directed much more towards retail businesses. In this context retail businesses are defined as businesses whose main activity is retailing, as opposed to non-retail businesses who are only engaged in retailing as a subsidiary activity. Previously in each full inquiry the complete range of information relating only to the retailing activity of the business (eg stocks for retail trading) was collected from both retail and non-retail businesses. From the 1986 inquiry retail businesses are asked to provide the complete range of information, but relating to their total and not their retail activity. Non-retail businesses are asked to provide only retail turnover and employment, instead of the complete range of information on their retailing activity.

The other change concerns the coverage of the inquiry. Previously no allowance had been made for voluntary VAT registrations, that is businesses who are registered for VAT but with a VAT turnover beneath the mandatory threshold for VAT registration. There are just over 20 000 such retail businesses, accounting for an estimated 0.3 per cent of total retail turnover. From the 1986 inquiry the grossing-up procedure used for the inquiry has been adjusted to allow for voluntary VAT registrations.

These changes have led to a small discontinuity in the inquiry results. In order to facilitate comparisons with previous data, the 1982 and 1984 inquiry results have been re-worked onto the new basis and these data are included in Table 11.1. However, the change to the range of information collected in the inquiry has led to one discontinuity for which it has not been possible to make an adjustment. More precisely the inquiry forms were re-designed for the 1986 inquiry with a view to clarifying, amongst other things, the distinction between retail and non-retail turnover. This has led to an improvement in the quality of the returned data for retail and non-retail turnover in 1986, but suggests that a significant amount of non-retail turnover was mis-reported as retail turnover in the 1984 inquiry. This problem seems most severe for food retailers, where it is thought that retail turnover in 1984 may have been overstated by around £400 to £600m. For the 1986 inquiry Booksellers have been shown separately instead of being included with stationers and newsagents.

Retail trade: index numbers of value and volume (Table 11.2)

The retail sales index is based on monthly returns provided voluntarily by a panel of contributors. In its calculation, receipts under the National Health Service are excluded.

Full account has been taken of the results of the 1984 retailing inquiry, although 1980 has been retained as the reference year for the convenience of users. The results of the 1986 inquiry will be incorporated by the middle of 1989.

The series for 'All other non-food retailers' includes photographic goods retailers, florists, nurserymen and seedsmen, and other non-food retailers not elsewhere specified.

Motor Trades and Catering inquiries (Tables 11.3 and 11.4)

The motor trades and catering inquiries are conducted on a sample basis from the BSO's VAT-based register of businesses. In general the inquiries are addressed solely to businesses classified to these trades, in that businesses who may be engaged in the catering or motor trades as a subsidiary activity are excluded. (An exception is that the catering inquiry includes certain large groups of managed public houses owned by breweries.) The results generally relate to the total activity of all businesses registered for VAT, including those with a VAT turnover beneath the mandatory registration threshold.

Research and Development

Research and experimental development (R & D) in the United Kingdom is financed and carried out mainly by the Government, industry, universities and further education institutions, and various non-profit-making bodies. In 1985 £7.9 billion was spent on R & D (see *British Business*, 24 July 1987). Full-scale inquiries covering industrial R & D were held every third year until 1981; these have been superseded by a four-year cycle, with an intervening sample survey. The first of these sample inquiries was made to examine spending in 1983, and results appeared in *British business* on 18 January 1985. This showed expenditure of £6.6 billion in 1983. The inquiry for 1985 was on a full-scale basis. There is an annual survey of government expenditure and employment on R & D.

In line with international recommendations, research and experimental development is defined for statistical purposes as 'creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications'.

Definitions of the sectors surveyed and notes on the survey procedures employed are given in an article which appeared in *Economic Trends* (HMSO) August 1985.

For the 1985 inquiry, industrial firms were asked to provide figures relating to the calendar year 1985, or the business year ending on a date between 6 April 1985 and 5 April 1986.

Returns from government departments relate to financial years ended 31 March. Further details of trends in Government R & D expenditure are given in the issue of *Economic Trends* for August 1986, and the *Annual Review of Government Funded R & D 1987*.

Table 11.5

This table covers R & D in the natural and medical sciences and engineering, and excludes research in the social sciences and humanities. The totals of both sections of the table are the amounts of R & D performed in the United Kingdom and exclude R & D performed abroad which is financed from within this country. No surveys of R & D performed by local authorities have been carried out since 1972, but estimates of local authorities' expenditure in these years have been included in the all-sector figures.

The figures of government financing of R & D as returned by the government and as returned by the sectors carrying out the work vary, largely because of differences in timing (see **Introduction** above).

Tables 11.6 and 11.7

Central government expenditure on R & D, including that of research councils, is surveyed annually and covers R & D in the social sciences as well as R & D in the natural sciences. The distinction between social science and other R & D has been retained in the accompanying tables, though it has been found difficult to make in practice. The borderline between research and other related activities, such as information services and general purpose data collection, is also difficult to define, especially for the social sciences. The figures for social science research are therefore considered to be less reliable than those for government R & D as a whole. The series which appeared in earlier editions of this publication has been amended by taking into account recently developed estimates for government expenditure on R & D in universities. These now include payments through the

Continued on page 213

11.1

Retail trades by form of organisation and kind of business

Standard Industrial Classification 1980

Great Britain

	1982 ²				1984 ²				1986 ³			
	Businesses	Outlets	Persons engaged	Retail turnover (inclusive of VAT)	Businesses	Outlets	Persons engaged	Retail turnover (inclusive of VAT)	Businesses	Outlets	Persons engaged	Retail turnover (inclusive of VAT)
	Number	Number	Thousand	£ million	Number	Number	Thousand	£ million	Number	Number	Thousand	£ million
Total retail trade	248 950	356 590	2 258	67 902	246 931	349 728	2 317	80 128	244 006	343 387	2 334	93 669
Single outlet retailers ¹	220 219	220 219	850	20 906	218 700	218 700	840	24 028	217 247	217 248	832	26 943
Small multiple retailers ¹	27 744	73 163	339	8 975	27 399	70 235	331	9 935	25 898	65 783	325	11 311
Large multiple retailers ¹	987	63 208	1 069	38 021	832	60 793	1 146	46 165	861	60 356	1 177	55 414
of which												
Co-operative societies accounted for	144	6 653	111	3 851	111	5 569	103	4 124	98	4 859	99	4 043
Food retailers	87 070	114 481	788	26 138	81 680	105 953	816	30 131	77 137	99 751	818	33 386
Large grocery retailers	111	10 614	376	16 539	98	9 742	421	20 235	94	8 873	457	23 546
Other grocery retailers	40 568	45 411	167	4 327	34 053	37 636	140	3 929	30 116	32 942	128	3 919
Dairymen	7 571	8 739	46	1 363	7 954	8 786	51	1 457	8 543	9 700	37	1 106
Butchers, poulterers	15 897	21 840	94	2 361	16 295	21 757	92	2 640	15 833	20 721	84	2 680
Fishmongers	2 627	3 338	10	176	2 638	2 969	8	186	2 572	3 158	8	226
Greengrocers, fruiterers	14 624	17 708	61	1 003	15 119	17 889	64	1 240	14 187	16 805	63	1 318
Bread and flour confectioners	5 672	6 831	34	369	5 523	7 174	40	444	5 792	7 553	42	591
Drink, confectionery and tobacco retailers	42 089	56 462	257	7 331	43 226	56 499	252	8 322	44 344	56 480	268	9 704
Retailers of confectionery, tobacco and newsagents	38 734	48 227	227	5 778	38 813	47 418	220	6 452	39 633	47 744	234	7 557
Off-licences	3 355	8 235	30	1 553	4 413	9 081	32	1 870	4 711	8 736	34	2 148
Clothing, footwear and leather goods retailers	32 216	58 044	277	5 838	32 000	58 552	292	7 382	32 655	59 286	294	9 347
Men's and boys' wear retailers	4 077	10 031	44	1 216	3 540	8 176	43	1 477	3 836	7 669	34	1 307
Women's, girls', children's and infants' wear retailers	17 372	25 423	102	2 010	17 534	27 191	110	2 629	17 791	27 135	102	2 974
General clothing businesses	5 688	8 548	47	1 077	5 802	9 188	48	1 324	5 940	11 282	73	2 856
Footwear retailers	3 670	11 994	78	1 418	3 596	11 942	85	1 806	3 790	11 447	80	2 065
Leather and travel goods retailers	1 409	2 048	6	117	1 528	2 055	6	146	1 299	1 753	5	145
Household goods retailers	43 351	62 050	272	9 201	42 916	60 104	283	11 721	43 000	60 676	305	14 670
Household textiles retailers	3 409	4 926	18	412	3 220	4 441	17	457	3 458	5 199	22	611
Carpet retailers	3 661	5 136	21	763	3 701	4 589	17	732	4 158	5 152	21	967
Furniture retailers	11 533	14 962	67	2 566	10 603	14 428	69	3 151	10 950	11 639	73	3 789
Electrical, gas, and music goods retailers	9 155	16 630	77	3 153	10 931	18 057	91	4 537	9 476	16 304	89	5 402
Hardware, china and fancy goods retailers	10 256	12 709	51	1 069	8 744	10 632	46	1 170	8 966	11 051	41	1 172
Do-it-yourself retailers	5 337	7 687	38	1 238	5 717	7 957	43	1 674	5 992	8 331	60	2 727
Other non-food retailers	35 984	48 160	218	5 583	38 617	50 858	219	6 700	39 110	50 915	234	7 882
Chemists	8 443	12 084	67	2 055	8 603	12 218	67	2 435	8 535	12 538	77	3 005
Booksellers, stationers and newsagents	5 089	6 763	34	834	5 823	7 606	36	1 050	5 985	7 483	37	1 141
Photographic goods retailers	876	1 757	8	358	781	1 011	4	218	682	980	4	218
Jewellers	5 157	7 804	37	950	4 596	7 215	34	1 168	5 133	8 096	38	1 306
Toys, hobby, cycle and sports goods retailers	7 156	8 761	32	707	8 385	10 287	34	985	7 840	9 408	32	1 100
Florists, nurserymen and seedsmen	4 494	5 349	23	381	5 213	6 467	28	507	5 674	6 645	31	684
Non-food retailers (nes)	4 769	5 642	17	298	5 216	6 054	16	337	5 261	5 764	17	428
Mixed retail businesses	5 541	11 292	405	12 746	5 644	11 231	415	14 759	4 921	10 395	380	17 356
Large mixed businesses	38	4 238	320	9 536	39	4 142	335	11 191	33	4 254	308	13 267
Other mixed businesses	5 482	6 989	41	789	5 581	7 032	38	831	4 873	6 050	40	924
General mail order houses	21	65	44	2 421	24	57	42	2 737	14	91	32	3 165
Hire and repair businesses	2 699	6 101	41	1 065	2 848	6 531	39	1 113	2 838	5 852	34	1 324
Television hire businesses	1 430	4 551	36	994	1 534	4 970	33	1 020	1 524	4 039	28	1 192
Other hire or repair	1 269	1 550	5	71	1 314	1 561	6	93	1 314	1 813	6	131

1 The terms 'single outlet retailers', 'small multiple retailers' and 'large multiple retailers' are used in the table to denote retail businesses with 1, 2–9 and 10 or more retail outlets respectively.

2 Revised figures.

Source Business Statistics Office

11.2

Retail trade: index numbers of value and volume of sales¹

	Weekly average 1980 = 100			Sales in 1980 £ million	Weekly average 1980 = 100						
	1977	1978	1979		1981	1982	1983	1984	1985	1986	1987
Value											
All kinds of business: all retailers total	66.5	76.1	88.8	58 377	108.2	117.1	127.9	138.2	150.4	162.9	176.4
Small retailers	..	..	..	21 648	106	112	118	126	133	141	149
Large retailers	..	..	..	36 729	110	120	134	145	161	176	192
Food retailers: total	68.2	74.1	85.5	22 859	109.7	118.9	127.6	137.1	147.0	157.0	167.7
Small retailers	..	..	..	7 423	106	109	110	114	116	120	124
Large retailers	..	..	..	15 436	112	123	136	148	162	175	189
Grocery retailers including co-operative societies	67	73	84	17 342	111	121	131	141	153	166	179
of which co-operative societies	71	79	89	3 641	104	106	111	114	119	122	128
Dairymen	72	74	90	1 481	109	116	121	124	127	131	133
Butchers	71	80	90	2 231	105	109	114	121	121	120	121
Fishmongers	74	79	85	154	108	113	118	122	126	136	140
Greengrocers and fruiterers	..	..	..	844	109	120	131	148	146	153	159
Bread and flour confectioners	70	70	87	807	101	100	109	121	124	132	139
Clothing and footwear retailers: total	65	79	92	5 413	102	109	124	138	155	170	186
Small retailers	..	..	..	2 541	98	103	113	124	134	143	151
Large retailers	..	..	..	2 872	106	115	133	151	173	193	218
Men's and boys' wear retailers	} 74	84	93	1 192	99	103	112	120	135	150	165
Women's, girls', children's and infants' wear retailers; general clothing businesses; leather and travel goods retailers				..	..	..	2 972	102	108	124	140
Footwear retailers	..	..	..	1 249	105	117	134	151	167	180	194
Household goods retailers (including hire and repair businesses): total	64	76	91	9 234	107	115	131	143	157	175	192
Small retailers	..	..	..	4 741	106	109	119	127	137	149	162
Large retailers	..	..	..	4 493	108	120	143	158	178	203	224
Furniture, carpets and household textiles retailers	64	76	92	3 353	105	110	122	130	138	146	159
Electrical and music goods retailers, gas showrooms	..	..	..	2 400	108	121	149	167	189	218	237
Hardware, china and fancy goods retailers	} 57	72	88	1 128	103	102	107	112	122	135	149
DIY retailers				1 022	115	125	147	172	200	235	274
Electricity showrooms	64	81	92	386	103	113	140	158	178	207	221
Television and other hire and repair businesses	76	84	87	945	109	117	122	123	129	140	143
Other non-food retailers (including off licences, confectioners, tobacconists and newsagents): total	67	78	89	9 926	112	122	132	143	154	165	180
Small retailers	..	..	..	6 547	110	119	128	139	148	156	167
Large retailers	..	..	..	3 379	115	127	138	150	166	183	205
Retailers of confectionery, tobacco and newspapers	68	82	88	4 667	114	125	132	141	148	154	161
Off licences	72	76	91	1 463	113	120	130	144	157	169	180
Booksellers, stationers and specialist newsagents	57	70	84	724	112	125	145	158	181	205	236
Chemists	} 66	86	94	669	116	134	146	161	183	199	219
Jewellers		78	96	847	106	115	126	138	153	171	208
Toys, hobby and sports goods, and cycle retailers	} 66	68	87	783	99	101	113	126	138	153	178
All other non-food retailers			774	111	122	134	143	157	167	180	
Mixed retail businesses: total	65.9	77.6	91.7	10 945	106.1	115.0	124.5	132.9	146.0	159.3	172.9
Mixed businesses with turnover exceeding £10 million in 1984	} 66	78	91	7 964	109	118	129	138	152	166	179
Other mixed businesses		74	82	646	103	115	123	130	138	151	164
General mail order houses	65	77	95	2 335	98	104	109	117	130	140	154
Volume											
All retailers	91.5	96.4	100.6	58 377	100.2	102.1	107.4	111.3	116.4	122.6	129.8
Food retailers	91.2	92.3	95.9	22 859	100.7	101.5	105.0	106.9	110.8	114.4	118.8
Clothing and footwear retailers	85	96	102	5 413	98	101	110	119	128	137	148
Household goods retailers	86	94	102	9 234	102	106	118	126	135	150	162
Other non-food retailers	101	106	107	9 926	99	99	100	103	105	107	113
Mixed retail businesses	90.9	98.6	103.3	10 945	100.4	103.9	108.3	111.2	116.7	123.6	131.1

1 Please see notes on page 210.

Source Business Statistics Office

11.3

Motor trades Great Britain

£m exclusive of VAT

6148, 6510, 6520 and 6710 SIC 1980		Number of businesses	Turnover	Stocks		Capital expenditure				
				Beginning of year	End of year	New build- ing work	Vehicles ¹	Plant and machinery	Net capital expenditure	Land and exist- ing buildings
Total motor trades										
1980		65 707	32 658 ¹	3 627	3 764	110	82	114	304	64
1981		67 166	33 096 ¹	3 701	3 431	88	72	88	248	35
1982		67 289	33 089	3 337	3 524	88	101	93	281	27
1983		68 573	36 556	3 398	3 833	78	99	124	301	28
1984		69 156	39 448	3 723	3 941	97	148	141	387	42
1985		67 704	40 195	3 831	4 117	109	142	136	387	44
1986		68 109	46 793	4 136	4 655	155	128	148	431	96
Distribution, repair and service										
1980	of motor vehicles (including	57 319	28 522 ¹	3 481	3 587	99	69	102	270	61
1981	caravans, tyres, motor accessories	58 819	28 091 ¹	3 533	3 237	81	66	79	226	31
1982	and spares)	59 198	28 149	3 149	3 337	75	91	77	242	20
1983		60 749	31 057	3 226	3 644	68	87	111	266	28
1984		61 043	33 425	3 544	3 745	85	143	127	355	33
1985		59 764	33 647	3 628	3 896	92	130	123	345	34
1986		60 046	39 983	3 923	4 444	133	117	130	381	81
Petrol filling stations										
1980		8 387	4 136 ¹	146	177	10	12	11	33	2
1981		8 348	5 005 ¹	167	195	6	7	9	22	4
1982		8 090	4 940 ²	187	186	13	10	16	39	7
1983		7 824	5 500 ²	172	188	10	12	14	35	-1
1984		8 113	6 023	179	195	12	5	14	31	9
1985		7 941	6 548	203	221	17	12	13	42	10
1986		8 063	6 810	213	211	22	11	17	50	16

1 Inclusive of VAT.

Motor trades: commodity analysis of 1982–1986 sales Great Britain

£m exclusive of VAT

		Turnover	<i>of which</i> Motor trades turnover	Retail sales		Sales to other dealers		Used motor vehicles and motor cycles	Petrol and oil	Other sales and receipts	
				New cars	Other new motor vehicles and motor cycles	New cars	Other new motor vehicles and motor cycles				
Total motor trades		1982	33 089	32 772	6 497	1 386	3 306	633	5 696	6 951	8 303
		1983	36 556	36 268	7 670	1 582	3 784	709	6 185	7 461	8 876
		1984	39 448	38 912	7 927	1 663	3 947	773	7 329	7 883	9 390
		1985	42 196	41 578	8 371	1 786	4 159	779	7 812	8 218	10 453
		1986	46 793	46 211	9 862	1 929	4 923	847	9 418	8 113	11 119
Distribution repair and servicing of motor vehicles (including caravans, tyres, motor accessories and spares)		1982	28 149	27 903	6 362	1 376	3 298	632	5 561	2 740	7 934
		1983	31 057	30 849	7 536	1 577	3 772	709	6 027	2 725	8 502
		1984	33 425	33 045	7 764	1 649	3 932	773	7 179	2 731	9 018
		1985	35 647	35 206	8 187	1 779	4 149 ^r	779	7 577	2 728	10 007
		1986	39 983	39 677	9 658	1 912	4 893	847	9 190	2 500	10 677
Petrol filling stations		1982	4 940	4 869	135	11	9	1	135	4 210	369
		1983	5 500	5 419	134	5	12	—	158	4 736	374
		1984	6 023	5 867	163	13	15	—	150	5 152	373
		1985	6 548	6 372 ^r	185	8	10	—	235	5 489	446
		1986	6 810	6 534	204	17	30	—	228	5 613	442

r = revised

Source Business Statistics Office

continued from page 210

Treasury Grant for the research costs of postgraduate students, and also expenditure on research in the fields of the social services and humanities.

Table 11.6, as distinct from Table 11.7, includes money spent by the government to finance R & D work performed overseas. It shows the gross expenditure of government on R & D: 'gross' in that any receipts used to finance the expenditure are not deducted. Money spent on R & D work done by government itself (intra-mural expenditure) is distinguished from money passed to other sectors to fund R & D work (extra-mural expenditure). Table 11.6 shows natural and social science R & D separately, the former being analysed by functional groups of expenditure.

Table 11.7 relates to net government expenditure on R & D, that is, gross expenditure less receipts allocated directly towards financing the expenditure. The table shows total expenditure broken down according

to the Statistical Office of the European Communities' revised objectives classification of budgeted expenditure on R & D.

Table 11.8

The trend in the 'volume' of R & D performed can be shown by means of estimates of expenditure at constant prices, using the most appropriate price indices which can be prepared to revalue the current price figures. Work on constructing price indices specifically for R & D expenditure has been undertaken by the Department of Trade and Industry and by international organisations only in recent years. Table 11.8 shows figures for each of the industrial survey years from 1964 to 1983 at constant (1975) prices for total R & D in the natural sciences performed in the United Kingdom and the amounts performed by the government and industry, the latter being analysed by major product group. An article giving broad details of the method used in producing

continued on page 214

11.4 Catering and allied trades 1980 – 1986
Great Britain

£m exclusive of VAT

	Year	No of businesses	Turnover (inclusive of VAT)	Stocks		Capital expenditure				Land and existing buildings
				Beginning of year	End of year	New building work	Vehicles	Plant and machinery	Net capital expenditure	
Total catering	1980	109 471	12 424	423	467	343	63	238	645	88
	1981	111 532	13 627	447	490	316	63	266	651	118
	1982	113 333	14 926	487	501	337	43	262	642	74
	1983	114 563	15 871	494	517	330	46	314	689	45
	1984	117 715	17 284	513	542	374	36	346	757	145
	1985	117 788	19 271	529	580	454	47	425	..	..
	1986	119 889	20 971	571	610	610	48	531	1 189	405
Hotels and other residential establishments	1980	14 281	2 483	63	71	146	9	63	218	6
	1981	13 929	2 752	71	74	91	11	62	165	33
	1982	13 385	2 880	72	74	83	9	61	153	31
	1983	12 902	2 986	73	76	83	6	72	161	18
	1984	12 934	3 374	75	79	112	4	96	212	56
	1985	12 767	4 050	79	88	168	10	141	319	89
	1986	12 855	4 279	83	94	225	11	187	423	187
Holiday camps, camping and holiday caravan sites	1980	1 587	405	17	19	22	2	18	43	6
	1981	1 565	421	16	18	19	3	13	35	6
	1982	1 542	390	15	14	21	2	11	35	2
	1983	1 620	418	18	18	11	2	15	28	6
	1984	1 605	456	20	20	14	1	20	36	5
	1985	1 562	503	21	20	17	4	24	45	16
	1986	1 621	567	21	24	16	3	28	47	12
Restaurants, cafes, snack bars, etc. selling food for consumption on the premises only	1980	11 512	1 431	44	50	22	5	26	53	28
	1981	11 735	1 529	43	47	37	8	25	70	5
	1982	11 817	1 639	48	50	27	4	31	62	3
	1983	12 119	1 742	47	52	23	5	41	69	..
	1984	12 692	1 900	50	56	28	7	40	76	14
	1985	13 362	2 194	55	62	41	6	37	84	23
	1986	14 348	2 260	59	62	48	4	40	92	28
Fish and chip shops, sandwich and snack bars and other establishments selling food partly or wholly for consumption off the premises	1980	22 715	1 103	19	20	17	18	19	56	10
	1981	24 980	1 284	22	24	24	7	29	60	10
	1982	26 256	1 497	24	26	34	4	36	73	5
	1983	27 049	1 664	24	27	45	5	38	88	..
	1984	29 205	1 869	29	32	14	5	41	60	5
	1985	28 274	2 063	30	34	20	9	47	76	14
	1986	28 436	2 435	35	36	59	7	49	115	37
Public houses ¹	1980	40 608	4 857	196	214	84	24	88	196	20
	1981	40 145	5 273	203	228	104	23	104	231	40
	1982	41 457	6 002	229	238	134	18	102	254	15
	1983	41 868	6 424	232	242	142	24	125	291	30
	1984	42 010	6 888	233	249	156	16	114	286	47
	1985	42 294	7 336	238	263	165	17	145	327	70
	1986	42 901	8 043	258	273	213	19	191	423	126
Clubs (excluding sports clubs and gaming clubs)	1980	17 571	1 570	75	84	51	2	19	72	17
	1981	17 873	1 718	81	88	40	12	28	80	21
	1982	17 568	1 776	89	89	34	4	13	51	16
	1983	17 636	1 847	88	87	22	1	15	38	12
	1984	17 786	1 948	92	91	46	—	28	75	18
	1985	17 963	2 128	90	94	41	—2	23	62	18
	1986	18 002	2 203	97	101	46	—1	26	71	13
Catering contractors	1980	1 196	575	9	9	—	3	5	8	1
	1981	1 304	650	11	11	1	4	5	10	3
	1982	1 308	743	10	10	3	3	8	14	1
	1983	1 367	790	12	15	3	3	9	15	—
	1984	1 483	849	14	15	2	3	7	12	1
	1985	1 566	998	16	20	1	3	7	11	1
	1986	1 727	1 183	18	20	3	4	10	17	2

1 The figures include, besides those businesses registered as public houses, brewers known to operate managed public houses. These businesses account for about one-third of the total activity of public houses.

2 Figures suppressed for disclosure reasons.

Source Business Statistics Office

continued from page 213

figures of R & D expenditure at constant prices was published in *Trade and Industry* (HMSO) on 6 April 1979.

Table 11.9

The table gives details of the 1981 and the 1983 surveys of industrial R & D, and uses the Standard Industrial Classification rebased on 1980.

Firms covered in the surveys were asked to provide figures for each product group in which they had incurred research and development expenditure. Product groups generally correspond quite closely to

industry groups, since manufacturing industries are defined in terms of the products they make and a high proportion of the output of a particular product usually comes from a single industry group. Fuller details for 1981 are given in Business Monitor *MO14 Industrial Research and Development Expenditure and Employment 1981* (HMSO). Results for the 1975 and 1978 surveys are published in earlier Business Monitors with the same number and name apart from the reference year. The 1968 Standard Industrial Classification was used for these earlier inquiries.

11.5

Cost of research and development¹: analysis by sector

Work performed within each sector

	1978		1981		1983		1985		1986	
	£ million	Per cent	£ million	Per cent	£ million	Per cent	£ million	Per cent	£ million	Per cent
Sector carrying out the work										
Central government										
Defence	331.0	9.4	557.7	9.4	654.9	9.9	752.7	9.5	801.2	9.1
Civil:										
Research councils	152.3	4.3	250.2	4.2	279.0	4.2	313.0	4.0	363.4	4.1
Other	271.8	7.7	526.5	8.9	552.9	8.4	537.2	6.8	194.4	2.2
Local government ²	3.0	0.1	5.0	0.1	7.0	0.1	8.1	0.1	7.3	0.1
Total	758.1	21.6	1 339.4	22.6	1 493.8	22.7	1 611.0	20.3	1 366.3	15.6
Universities and further education establishments	317.3	9.0	629.6	10.6	749.5	11.4	906.2	11.4	1 021.1	11.6
Public corporations	212.5	6.1	384.8	6.5	526.2	8.0	5 145.8	65.0	6 075.5	69.2
Research associations	50.8	1.4	88.1	1.5						
Private industry	2 061.0	58.7	3 319.5	56.1	3 637.1	55.2				
Other	110.6	3.2	159.6	2.7	176.4	2.7	256.2	3.2	315.0	3.6
Total cost of research and development performed	3 510.3	100.0	5 921.1	100.0	6 583.0	100.0	7 919.2	100.0	8 777.9	100.0

Finance provided by each sector

	1978		1981		1983		1985		1986	
	£ million	Per cent	£ million	Per cent	£ million	Per cent	£ million	Per cent	£ million	Per cent
Sector providing the funds										
Central government ³										
Defence	949.8	25.4	1 666.7	24.8	1 884.3	25.7	2 263.7	21.8	2 262.6	19.9
Civil:										
Research councils	186.2	4.9	363.5	5.4	408.3	5.6	553.8	5.3	537.7	4.7
Other	610.9	16.4	1 161.3	17.3	1 265.4	17.3	1 534.0	14.8	1 552.0	13.6
Local government ²	10.0	0.3	20.0	0.3	25.5	0.3	27.0	0.3	30.0	0.3
Total as returned by Government	1 756.9	47.0	3 211.5	47.7	3 583.5	48.9	4 378.5	42.2	4 382.3	8.5
Total as returned by sectors carrying out work	1 651.4	47.0	2 825.9	47.7	3 217.9	48.9	3 340.4	42.2	3 382.3	38.5
Universities	28.4	0.8	58.0	1.0	25.0	0.4	35.0	0.4	40.0	0.5
Public corporations	259.7	7.4	449.2	7.6	2 869.4	43.6				
Private industry ⁴	1 292.4	36.8	2 080.1	35.1			3 752.4	47.4	4 347.8	49.5
Overseas	222.6	6.3	411.4	6.9	347.9	5.3	647.1	8.2	842.8	9.6
Other	55.8	1.6	96.6	1.6	122.8	1.9	144.3	1.8	164.9	1.9
Total	3 510.3	100.0	5 921.1	100.0	6 583.0	100.0	7 919.2	100.0	8 777.9	100.0

1 Excluding social science research.

2 Estimated for years after 1972.

3 The percentages applying to the government sector have been calculated using the figures returned by the sectors carrying out the work and these

percentages have been apportioned *pro rata* over those subdivisions of the government sector shown here.

4 Including research associations.

11.6 Gross central government expenditure on research and development

£ million

	1983/84		1984/85		1985/86		1986/87		1987/88	
	Intra-mural	Extra-mural	Intra-mural	Extra-mural	Intra-mural	Extra-mural	Intra-mural	Extra-mural	Intra-mural	Extra-mural
R & D in the natural sciences:										
Defence	654.9	1 371.7	690.1	1 523.7	752.7	1 629.8	801.2	1 516.2	854.8	1 653.3
Civil:										
Aerospace	0.6	197.2	0.6	209.6	0.6	258.6	0.7	286.8	0.8	254.4
Energy	365.1	48.0	346.5	37.3	366.3	43.1	1.9	184.4	2.0	167.3
Research councils	279.1	281.2	295.1	295.9	313.0	309.0	363.4	288.9	378.1	329.0
Universities	—	459.0	—	469.4	—	517.0	—	580.0	—	610.0
Other programmes	187.1	227.5	179.5	264.5	178.4	318.9	191.8	324.8	200.4	332.6
Total	1 486.8	2 584.6	1 511.8	2 800.5	1 611.0	3 076.4	1 359.0	3 181.1	1 436.1	3 346.6
Social science R & D	13.8	200.3	13.1	210.0	12.3	213.5	13.0	222.9	14.1	234.9
Total expenditure on R & D	1 500.6	2 784.9	1 524.9	3 010.5	1 623.3	3 289.9	1 372.0	3 404.0	1 450.2	3 581.5
	4 285.4		4 535.4		4 923.2		4 776.0		5 031.7	

Source Department of Trade and Industry

11.7 Net central government expenditure on research and development, using European Community objectives for R&D expenditure

£ million

	1981/82	1982/83	1983/84 ¹	1984/85 ¹	1985/86 ¹	1986/87	1987/88 ²	1988/89 ²
Exploration and exploitation of the earth	63.9	67.7	69.3	74.5	77.5	79.8	82.7	102.6
Infrastructure and general planning of land-use	59.6	61.1	57.3	60.3	54.1	65.5	72.9	76.5
Control of environmental pollution	42.4	49.0	44.0	51.6	53.4	48.8	48.0	53.5
Protection and promotion of human health	132.9	141.7	151.9	158.1	163.0	190.0	205.0	218.7
Production, distribution and rational utilization of energy	226.7	224.2	220.6	207.8	204.9	187.6	170.3	193.9
Agricultural production and technology	190.9	202.0	206.9	205.5	203.5	198.1	203.1	213.9
Industrial production and technology	224.4	218.1	257.9	288.0	435.3	443.6	417.7	476.8
Social structures and relationships	27.2	25.9	33.0	43.9	55.8	62.3	72.1	70.6
Exploration and exploitation of space	69.0	73.2	74.1	80.8	127.9	123.9	130.9	140.0
Research financed from General University Funds	540.0	600.0	616.0	630.1	669.0	720.0	750.0	770.0
Non-oriented research	194.0	210.6	268.2	281.0	183.8	196.7	221.4	234.4
Other civil research	53.1	58.0	11.1	11.4	12.4	14.2	14.1	15.2
Defence	1 739.4	1 758.2	1 976.6	2 169.6	2 335.0	2 258.6	2 421.1	2 349.4
Total	3 563.6	3 689.8	3 986.9	4 262.7	4 575.6	4 589.2	4 808.7	4 915.4

1 Revised. 2 Provisional. Source Department of Trade and Industry

11.8 Intra-mural expenditure on research and development at 1981 prices

£ million

	1978	1981	1983	1985	1986
All product groups	3 581.4	3 792.5	3 574.8	4 004.7	4 304.0
All products of manufacturing industry	3 409.5	3 511.7	3 322.9	3 656.0	3 945.0
Chemicals industries	625.5	617.4	635.8	738.2	793.5
Mechanical engineering ¹	264.0	276.0	220.2	206.5	200.9
Electronics ²	997.9	1 221.2	1 256.0	1 352.5	1 469.7
Other electrical engineering	154.9	120.8	101.2	106.3	124.0
Aerospace	646.3	762.9	616.9	656.3	725.2
Motor vehicles	197.2	180.4	204.7	287.8	298.0
Other manufactured products	523.9	333.1	288.2	308.5	333.7
Non-manufactured products	171.9	280.8	251.9	348.7	359.0

1 Including office machinery. 2 Including electronic data processing equipment.

Source Department of Trade and Industry

11.9 Industrial expenditure on R&D in 1985, by source of finance

Product group	£ million			
	All R&D performed intra murally	R&D financed by industry	R&D financed from overseas	R&D financed by the UK government
Total	5 145.8	3 377.0	575.2	1 193.5
Products of manufacturing industry: Total	4 697.3	3 000.9	1	1
Chemical industry: Total	941.9	789.2	144.9	7.8
Synthetic resins and plastics	44.2	42.9	67.1	1.3
Paint	19.0	18.2		
Pharmaceutical products	469.3	403.1		
Other chemical products	409.4	325.1	77.8	6.4
Mechanical engineering: Total	262.6	161.1	18.3	83.1
Industrial plant and steelwork	24.7	22.4	0.6	1.7
Metal working machine tools	10.4	8.6	0.5	1.2
Construction and earth-moving equipment	20.4	18.5	0.6	1.3
Other machinery and equipment	207.1	111.6	16.6	78.9
Office machinery	6.7	6.5	1	1
Electronic data-processing equipment	350.9	173.0	128.2	49.7
Electronic engineering: Total	1 387.1	834.6	108.5	444.0
Telegraph and telephone apparatus	393.8	380.6	2.2	11.0
Electrical instruments and control systems	252.9	129.0	18.6	105.3
Radio and electronic capital goods	528.4	195.9	69.8	262.7
Components other than active	40.8	30.5	17.2	64.4
Active components and sub-assemblies	159.9	88.6		
Electronic consumer goods	11.5	10.1		
Electrical engineering: Total	136.5	111.9	5.8	18.8
Insulated wires and cables	20.1	16.4	3.6	5.4
Basic electrical equipment	55.0	49.7		
Other electrical goods	61.4	45.9		
Aerospace	845.3	259.1	70.8	515.3
Motor vehicles and parts	371.6	339.0	18.7	14.0
Other manufacturing industry: Total	394.9	326.5	39.6	28.8
Iron and steel	36.2	31.0	2.6	2.6
Non-ferrous metals	18.1	12.4	3.9	1.8
Brick, cement, building materials	19.8	19.1	0.6	0.2
Pottery, china and glass	22.5	21.3	1	1
Metal goods	16.1	13.5	1.1	1.5
Shipbuilding and repairs	1.8	0.8	1	1
Instruments engineering	57.3	33.6	1	1
Food and drink	97.4	90.5	9.1	4.1
Tobacco	25.8	19.4		
Textiles other than man-made fibres	16.0	14.1		
Leather, footwear and clothing	5.7	3.7	5.0	9.9
Timber and wooden furniture	3.3	2.2		
Paper and paper products; printing, publishing	21.0	18.3		
Processing rubber and plastics	38.3	33.0		
Other manufactured goods	15.5	13.6		
Non-manufacturing	448.4	376.1	1	1
Extractive industries	105.1	93.2	1	1
Mineral oil refining	16.7	1	1	1
Other treatment of petrochemical products (excluding petrochemical manufacture)	38.2	1	1	1
Construction	21.3	17.8	0.7	2.8
Utilities	267.0	232.5	5.6	29.0
Expenditure not allocated separately	—	32.7	51.3	8.9

1 Figures improved due to disclosure reasons.

Source Department of Trade and Industry

12 External Trade

The tables covering external trade have been compiled from the annual and monthly *Overseas Trade Statistics of the United Kingdom* from 1976. United Kingdom is defined as Great Britain, Northern Ireland, the Isle of Man, the Channel Islands and the Continental Shelf (United Kingdom part). The grouping of the commodities, previously shown in the sections and divisions of the Standard International Trade Classification (Revised), is currently based on those of the SITC (Revision 3) or SITC (R3) which was introduced into the *Overseas Trade Statistics* from January 1988. The statistics in Table 12.1 are on a balance of payments basis; all other statistics in this section are on an *Overseas Trade Statistics* basis. For more detailed figures, notes and definitions relating to external trade, reference should be made to these volumes and also to the annual publication *United Kingdom Balance of Payments* (the CSO Pink Book) and *Monthly Digest of Statistics, Supplement of Definitions and Explanatory Notes*.

Changes in the coverage of the overseas trade statistics are made from time to time but as far as possible figures in these tables have been adjusted to the current basis. For latest data reference should be

made to the *Monthly Review of External Trade Statistics*, available from the Department of Trade and Industry.

The value of UK trade with selected areas, analysed by commodity divisions, is obtainable from the annual edition of the *Overseas Trade Statistics of the United Kingdom*.

Import penetration and export sales ratios (Table 12.2)

The ratios were first introduced in the August 1977 edition of *Economic Trends* in an article 'The Home and Export Performance of United Kingdom Industries'. The article described the conceptual and methodological problems involved in measuring such variables as import penetration. The industries are currently grouped according to the 1980 Standard Industrial Classification. The latest ratios for the full detail within manufacturing (over 200 activity headings) are shown in Business Monitor MQ12, 'Import Penetration and Export Sales Ratios for Manufacturing Industry'.

12.1 Visible trade of the United Kingdom

On a balance of payments basis¹

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Value (£ million)											
Exports	31 682	34 981	40 470	47 147	50 668	55 330	60 698	70 263	77 988	72 678	79 422
Imports (fob)	34 006	36 574	43 868	45 794	47 318	53 112	61 773	74 843	80 334	81 394	89 584
Visible balance	-2 324	-1 593	-3 398	+1 353	+3 350	+2 218	-1 075	-4 580	-2 346	-8 716	-10 162
Unit value index numbers											
1985 = 100											
Exports (fob)	50.5	55.5	61.4	70.0	76.2	81.4	88.0	95.0	100.0	91.8	95.5
Imports (fob)	56.4	58.6	62.4	68.5	74.2	80.2	87.5	95.5	100.0	96.0	98.5
Terms of trade ²	89.5	94.7	98.4	102.2	102.7	101.5	100.2	99.5	100.0	95.6	97.0
Volume index numbers											
1985 = 100											
Exports	77.6	79.6	83.1	84.1	83.3	85.6	87.6	94.7	100.0	103.6	109.2
Imports	72.8	76.2	83.5	79.0	75.9	80.1	87.0	96.9	100.0	107.0	114.4

1 Statistics of visible trade on a balance of payments basis are obtained by making certain adjustments in respect of valuation and coverage to the statistics recorded in the *Overseas Trade Statistics*. These adjustments are

described in detail in *United Kingdom Balance of Payments 1987 Edition* (HMSO).

2 Export unit value index as a percentage of the import unit value index.

Source Department of Trade and Industry

12.2 Import penetration and export sales ratios for products of manufacturing industry

United Kingdom

	1980 SIC Class	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Ratio 1 Imports/Home demand												
Div 2-4 Manufacturing industries ¹	21-49	25.1	26.0	26.9	26.2	27.8	29.0	31.1	33.4	34.3	34.3	35.2
Class:												
Metals	21-22	32	31	32	33	30	33	36	43	45	..	..
Other minerals and mineral products	23-24	12	12	13	12	12	12	13	15	15	15	18
Chemicals and man-made fibres	25-26	27	28	30	29	31	34	36	39	41	41	38
Metal goods n.e.s.	31	9	10	10	11	11	12	13	14	16	16	18
Mechanical engineering	32	30	32	29	29	32	32	32	34	36	37	38
Office machinery and data processing equipment	33	84	92	92	96	96	105	106	105	100	100	93
Electrical and electronic engineering	34	30	31	31	31	36	39	42	44	47	47	49
Motor vehicles and their parts	35	35	35	41	39	42	47	52	51	50	51	48
Other transport equipment	36	45	41	38	38	41	39	42	51	45	45	42
Instrument engineering	37	51	52	53	52	58	56	55	57	57	56	58
Food, drink and tobacco	41-42	17	18	18	16	16	16	17	18	18	18	18
Textile industry	43	27	31	33	34	39	39	41	44	44	45	47
Leather and leather goods	44	32	34	40	40	42	42	44	44	49	46	49
Clothing and footwear	45	25	26	29	29	33	33	33	36	35	36	39
Timber and wooden furniture	46	28	27	29	27	29	29	32	32	30	31	31
Paper, printing and publishing	47	21	19	19	19	20	19	20	21	21	21	22
Rubber and plastics processing	48	17	18	18	18	21	22	24	25	26	27	28
Other manufacturing industries	49	34	35	36	41	48	38	38	39	38	39	46
Ratio 2 Imports/Home demand and Exports												
Div 2-4 Manufacturing industries ¹	21-49	19.9	20.6	21.6	20.7	21.8	22.9	24.9	26.4	26.7	26.9	27.5
Class:												
Metals	21-22	27	26	27	29	26	27	30	34	35	..	..
Other minerals and mineral products	23-24	10	10	11	10	10	11	12	13	13	13	15
Chemicals and man-made fibres	25-26	19	20	21	20	22	23	25	26	26	27	20
Metal goods n.e.s.	31	8	9	9	10	10	11	12	13	14	14	16
Mechanical engineering	32	19	21	19	19	20	20	22	24	24	25	26
Office machinery and data processing equipment	33	51	54	53	52	57	61	63	60	54	56	52
Electrical and electronic engineering	34	21	22	23	23	27	29	31	32	33	33	35
Motor vehicles and their parts	35	23	25	31	28	30	35	40	39	39	41	38
Other transport equipment	36	30	27	26	26	25	24	25	28	27	26	24
Instrument engineering	37	34	35	35	33	36	35	38	39	40	40	40
Food, drink and tobacco	41-42	16	16	16	14	15	15	15	17	17	17	17
Textile industry	43	21	25	26	26	30	31	33	35	35	36	38
Leather and leather goods	44	25	27	32	31	34	33	34	34	37	36	37
Clothing and footwear	45	21	22	25	25	28	29	29	32	31	31	33
Timber and wooden furniture	46	26	26	27	26	27	28	31	31	29	30	30
Paper, printing and publishing	47	19	17	18	17	18	18	18	20	19	19	20
Rubber and plastics processing	48	14	14	15	14	17	18	20	21	22	22	23
Other manufacturing industries	49	25	25	27	31	36	31	31	32	31	31	36

1 Certain sectors are excluded since they are inappropriate for this analysis. They are the following activity headings: 2396 (pt) unworked precious stones, 2436 ready-mixed concrete, 3138 heat and surface treatment of metals, 3246 process engineering contractors, 3480 electrical equipment installation, 4121 slaughterhouses, 4370 textile finishing, 4560 fur goods, 4672 shop and office fitting, 4820 retreading and specialist repairing of rubber tyres, 4910 jewellery and coins, 4930 photographic and cinematographic processing laboratories.

Source Department of Trade and Industry

12.2

Import penetration and export sales ratios for products of manufacturing industry

United Kingdom

(continued)

	1980 SIC Class	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Ratio 3 Exports/Manufacturers' sales												
Div 2-4 Manufacturing industries ¹	21-49	25.7	26.1	25.1	26.5	27.3	27.2	26.6	28.4	30.2	29.4	30.3
Class:												
Metals	21-22	22	22	23	21	23	23	25	32	35	..	..
Other minerals and mineral products	23-24	17	16	15	16	15	14	14	14	15	15	16
Chemicals and man-made fibres	25-26	35	36	36	38	39	41	42	45	48	48	32
Metal goods n.e.s.	31	14	13	12	14	14	14	12	13	14	13	13
Mechanical engineering	32	44	44	42	45	47	45	40	42	43	42	42
Office machinery and data processing equipment	33	80	90	90	96	94	108	110	107	100	100	91
Electrical and electronic engineering	34	37	37	33	34	36	38	37	39	43	43	43
Motor vehicles and their parts	35	42	38	36	38	41	38	37	37	37	34	34
Other transport equipment	36	47	45	43	42	50	53	55	63	55	59	57
Instrument engineering	37	50	51	53	55	59	57	51	52	50	48	52
Food, drink and tobacco	41-42	9	11	10	10	10	11	10	10	11	11	12
Textile industry	43	27	27	27	30	30	29	28	30	31	30	32
Leather and leather goods	44	27	26	29	32	30	33	33	35	38	36	40
Clothing and footwear	45	19	18	18	19	20	18	18	18	19	18	21
Timber and wooden furniture	46	7	7	6	7	6	6	6	6	6	5	5
Paper, printing and publishing	47	11	11	10	10	10	10	10	10	11	11	11
Rubber and plastics processing	48	22	21	20	23	24	22	22	22	22	21	22
Other manufacturing industries	49	37	38	36	36	38	28	28	28	28	28	34
Ratio 4 Exports/Manufacturers' sales and Imports												
Div 2-4 Manufacturing industries ¹	21-49	20.6	20.7	19.7	21.0	21.4	21.0	20.0	20.9	22.1	21.5	21.8
Class:												
Metals	21-22	16	16	17	15	17	17	18	21	23	..	..
Other minerals and mineral products	23-24	15	15	14	14	13	12	12	12	13	13	14
Chemicals and man-made fibres	25-26	29	29	28	31	31	31	32	33	35	35	33
Metal goods n.e.s.	31	13	12	11	13	12	12	11	11	12	11	11
Mechanical engineering	32	36	35	33	36	38	36	31	32	33	32	31
Office machinery and data processing equipment	33	39	42	42	45	40	42	41	43	46	44	43
Electrical and electronic engineering	34	29	28	26	27	27	27	26	26	29	28	28
Motor vehicles and their parts	35	32	28	25	28	29	25	22	23	22	20	21
Other transport equipment	36	33	33	32	31	38	40	41	45	40	44	43
Instrument engineering	37	33	33	34	37	38	37	32	31	30	29	32
Food, drink and tobacco	41-42	7	9	9	9	9	9	9	9	9	9	10
Textile industry	43	21	20	20	22	21	20	19	19	20	19	20
Leather and leather goods	44	20	19	20	22	20	22	22	23	24	23	25
Clothing and footwear	45	15	14	14	14	14	13	12	13	13	13	14
Timber and wooden furniture	46	5	5	4	5	4	5	4	4	4	4	3
Paper, printing and publishing	47	9	9	8	9	8	8	8	8	9	9	9
Rubber and plastics processing	48	19	18	17	19	20	18	17	17	17	17	17
Other manufacturing industries	49	28	28	26	25	25	20	19	19	20	19	21

1 Certain sectors are excluded since they are inappropriate for this analysis. They are the following activity headings: 2396 (pt) unworked precious stones, 2436 ready-mixed concrete, 3138 heat and surface treatment of metals, 3246 process engineering contractors, 3480 electrical equipment installation, 4121 slaughterhouses, 4370 textile finishing, 4560 fur goods, 4672 shop and office fitting, 4820 retreading and specialist repairing of rubber tyres, 4910 jewellery and coins, 4930 photographic and cinematographic processing laboratories.

Source Department of Trade and Industry

12.3

Value of United Kingdom exports (fob)¹ Analysis by sections and divisions

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Total UK exports	31 990.1	35 380.3	40 637.0	47 357.1	50 998.1	55 557.8	60 684.3	70 488.3	78 391.8	72 987.7	79 851.4
0. Food and live animals chiefly for food	1 417.5	1 827.2	1 745.2	2 050.8	2 338.5	2 508.3	2 754.6	3 114.8	3 252.4	3 745.8	3 730.4
00. Live animals chiefly for food	109.3	130.7	170.9	139.9	175.6	179.1	187.4	191.0	262.0	299.9	325.8
01. Meat and meat preparations	250.3	282.3	275.4	327.2	328.9	347.5	495.7	491.1	497.4	521.9	626.0
02. Dairy products and birds' eggs	98.0	221.8	226.2	298.4	307.2	325.6	308.1	246.6	281.3	331.5	314.1
03. Fish, crustaceans and molluscs, and preparations thereof	107.3	144.0	146.3	145.6	150.2	162.3	203.2	224.4	260.3	328.9	407.2
04. Cereals and cereal preparations	210.7	364.8	264.4	455.7	697.8	773.9	740.9	992.7	833.0	1 177.5	831.2
05. Vegetables and fruit	110.3	132.8	148.5	152.5	152.2	154.0	163.2	190.8	205.3	251.7	300.3
06. Sugar, sugar preparations and honey	111.9	106.9	103.6	112.2	116.4	121.1	145.1	165.7	220.8	170.4	218.6
07. Coffee, tea, cocoa, spices, and manufactures thereof	278.5	292.9	268.2	261.1	245.2	252.2	291.4	363.4	390.8	364.0	377.5
08. Feeding stuff for animals (not including unmilled cereals)	60.4	58.4	56.9	63.6	60.9	69.0	78.9	96.8	121.8	139.3	155.8
09. Miscellaneous edible products and preparations	80.9	92.7	85.0	94.6	104.0	123.8	140.8	152.3	179.7	160.6	173.9
1. Beverages and tobacco	798.9	1 084.3	1 195.3	1 205.9	1 311.7	1 451.5	1 486.2	1 577.9	1 719.1	1 737.9	1 861.4
11. Beverages	629.2	805.1	854.3	897.9	951.6	1 060.1	1 051.2	1 157.0	1 253.7	1 331.6	1 411.6
12. Tobacco and tobacco manufactures	169.7	279.1	341.0	308.0	360.1	391.4	435.0	420.9	465.4	406.3	449.8
2. Crude materials, inedible, except fuels	845.0	940.8	1 215.3	1 378.5	1 247.6	1 293.7	1 527.7	1 898.1	2 032.1	1 940.9	1 925.9
21. Hides, skins and furskins, raw	160.8	161.0	221.5	189.9	173.9	180.5	200.2	280.3	288.5	260.2	311.5
22. Oil seeds and oleaginous fruit	5.0	5.7	3.1	2.9	4.5	7.9	37.8	54.0	90.4	155.5	86.2
23. Crude rubber (including synthetic and reclaimed)	76.6	69.9	79.2	75.6	108.1	122.8	141.7	166.9	173.9	183.0	180.0
24. Cork and wood	12.3	11.2	13.5	16.0	27.2	28.6	24.1	25.5	25.7	22.9	26.0
25. Pulp and waste paper	8.5	7.7	13.8	22.8	13.9	11.6	15.8	27.2	24.7	25.0	33.9
26. Textile fibres (other than wool tops) and their wastes (not manufactured into yarn or fabric)	268.6	282.2	315.7	312.9	298.3	314.2	375.1	427.9	419.4	373.0	397.0
27. Crude fertilisers and crude minerals (excluding coal, petroleum and precious stones)	128.7	139.2	217.7	235.3	227.0	224.2	223.8	249.1	269.2	271.9	340.6
28. Metalliferous ores and metal scrap	145.8	222.4	307.0	474.4	347.8	346.6	444.2	591.4	645.8	538.9	451.1
29. Crude animal and vegetable materials	38.9	41.6	43.8	48.6	46.9	57.3	64.9	75.6	94.3	110.4	99.8
3. Mineral fuels, lubricants and related materials	2 092.0	2 374.6	4 323.6	6 428.8	9 616.5	11 237.1	13 102.7	15 308.4	16 795.5	8 671.9	8 769.0
33. Petroleum, petroleum products and related materials	1 979.0	2 235.0	4 157.5	6 133.2	9 107.5	10 685.7	12 501.2	14 851.8	16 133.9	8 207.9	8 465.8
32, 34 and 35. Coal, coke, gas and electric current	113.0	139.6	166.0	295.6	508.9	551.4	601.5	456.6	661.6	464.0	303.1
4. Animal and vegetable oils, fats and waxes	57.1	56.6	65.7	71.0	65.1	46.5	59.1	91.0	95.9	105.3	263.5
5. Chemicals and related products	3 817.1	4 198.9	4 910.9	5 286.2	5 550.1	6 119.3	6 933.0	8 216.8	9 411.7	9 676.8	10 519.7
51. Organic chemicals	830.8	913.3	1 237.3	1 297.6	1 496.3	1 592.3	1 930.2	2 381.7	2 742.8	2 571.0	2 831.1
52. Inorganic chemicals	523.1	560.9	681.8	619.9	586.5	694.9	699.6	811.1	979.6	1 123.3	1 100.0
53. Dyeing, tanning and colouring materials	351.8	347.7	392.0	432.5	433.6	464.1	568.8	633.3	692.0	763.2	879.0
54. Medicinal and pharmaceutical products	554.5	654.1	638.8	744.8	851.9	978.0	1 073.4	1 222.4	1 427.0	1 532.7	1 620.7
55. Essential oils and perfume materials; toilet, polishing and cleansing materials	325.6	382.2	408.2	464.7	483.3	525.1	574.5	690.5	767.9	807.7	886.4
56. Fertilisers, manufactured	60.6	57.9	58.2	52.3	62.3	48.8	69.7	64.4	74.8	67.4	85.4
57. Explosives and pyrotechnic products	27.0	31.1	31.1	36.6	39.4	36.8	40.1	47.6	45.7	42.8	45.7
58. Artificial resins and plastic materials, and cellulose esters and ethers	618.3	648.3	777.0	874.4	810.7	875.3	980.5	1 179.8	1 330.7	1 401.1	1 553.1
59. Chemical materials and products, not elsewhere specified	525.4	603.5	686.4	763.4	786.2	904.1	996.4	1 186.0	1 351.3	1 367.5	1 518.1

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 12.1).

2 Provisional.

1 The numbers on the left hand side of the table refer to the Section and Division code numbers of the *Standard International Trade Classification (Revision 2)*.

Source Department of Trade and Industry

12.3

Value of United Kingdom exports (fob)¹
Analysis by sections and divisions
(continued)

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
6. Manufactured goods classified chiefly by material	6 416.3	6 840.4	7 761.7	8 754.0	7 719.3	7 940.5	9 016.4	10 010.6	10 430.2	10 977.8	11 877.3
61. Leather, leather manufactures, nes, and dressed furskins	176.7	187.9	223.6	212.2	207.2	202.1	233.3	312.5	295.2	321.5	372.9
62. Rubber manufactures, nes	328.7	340.2	363.4	447.1	464.6	417.9	451.6	481.8	554.4	611.8	677.9
63. Cork and wood manufactures (excluding furniture)	72.7	76.6	76.0	84.4	86.4	83.2	85.5	104.6	84.1	77.2	85.6
64. Paper, paperboard, and articles of paper pulp, of paper or of paperboard	354.6	390.6	435.6	475.0	461.5	503.1	543.1	678.6	767.6	824.3	971.1
65. Textile yarn, fabrics, made-up articles, nes, and related products	1 193.4	1 237.8	1 339.4	1 363.0	1 202.7	1 192.0	1 285.0	1 484.8	1 709.1	1 711.5	1 886.2
66. Non-metallic mineral manufactures, nes	1 412.9	1 494.7	1 713.7	2 110.2	1 538.2	1 609.9	1 995.5	2 298.7	2 164.5	2 549.3	2 654.1
67. Iron and steel	1 016.9	1 105.8	1 277.6	983.4	1 239.4	1 291.8	1 330.7	1 528.9	1 856.2	1 866.5	2 186.0
68. Non-ferrous metals	816.3	834.7	1 140.4	1 770.6	1 244.1	1 244.7	1 766.6	1 656.7	1 379.6	1 551.3	1 502.2
69. Manufactures of metal, nes	1 044.1	1 172.0	1 192.1	1 308.0	1 275.2	1 395.6	1 325.1	1 464.1	1 619.6	1 464.5	1 541.3
7. Machinery and transport equipment	12 456.2	13 407.5	14 235.5	16 267.3	16 784.1	18 100.9	18 324.8	21 520.5	24 667.5	25 351.2	28 803.1
71. Power generating machinery and equipment	1 525.8	1 769.0	1 789.2	2 230.8	2 642.2	2 809.1	2 472.7	2 709.0	3 061.3	3 251.1	3 241.4
72. Machinery specialised for particular industries	2 036.2	2 169.4	2 312.7	2 573.6	2 557.9	2 601.3	2 335.0	2 676.8	3 077.6	3 101.1	3 300.5
73. Metalworking machinery	325.1	385.7	383.9	486.4	510.8	522.4	416.2	503.8	521.1	581.2	691.1
74. General industrial machinery and equipment, nes, and machine parts, nes	1 641.1	1 837.6	1 960.3	2 316.8	2 305.7	2 411.8	2 334.2	2 577.1	2 937.5	3 037.2	3 097.5
75. Office machines and automatic data processing equipment	760.0	918.6	1 163.7	1 345.5	1 291.8	1 599.5	2 048.8	3 046.6	3 746.7	3 561.9	4 483.2
76. Telecommunications, sound recording and reproducing apparatus and equipment	712.0	742.1	734.4	712.5	820.5	897.2	991.6	1 117.0	1 295.1	1 401.6	1 567.7
77. Electrical machinery, apparatus and appliances, nes, and electrical parts thereof (including non-electrical counterparts, nes, of electrical household type equipment)	1 331.9	1 398.6	1 457.4	1 798.6	1 758.7	2 117.0	2 292.3	2 805.3	3 380.1	3 382.6	3 786.1
78. Road vehicles (including air cushion vehicles)	2 871.9	3 070.3	3 148.1	3 158.0	3 170.5	3 109.0	3 092.2	3 318.8	3 910.6	3 953.5	4 876.8
79. Other transport equipment	1 252.1	1 116.2	1 285.8	1 645.1	1 726.2	2 033.5	2 341.9	2 766.1	2 737.4	3 080.9	3 758.9
8. Miscellaneous manufactured articles	3 134.0	3 581.8	3 961.4	4 503.7	4 844.6	5 151.8	5 813.0	6 955.0	7 996.8	8 574.7	9 839.8
81. Sanitary, plumbing, heating and lighting fixtures and fittings, nes	82.5	93.7	89.9	109.0	113.0	107.0	108.4	118.9	135.0	126.3	133.1
82. Furniture and parts thereof	210.8	234.6	231.2	239.2	222.1	240.9	257.9	282.0	357.7	356.3	394.7
83. Travel goods, handbags and similar containers	13.1	14.4	16.7	19.5	20.1	19.1	19.3	22.4	29.4	30.6	34.8
84. Articles of apparel and clothing accessories	598.8	669.6	751.2	807.5	846.6	840.0	865.2	996.3	1 171.7	1 228.2	1 428.8
85. Footwear	102.4	98.1	113.3	130.4	121.2	114.9	123.4	142.7	159.2	167.2	186.6
87. Professional, scientific and controlling instruments and apparatus, nes	589.1	691.0	785.3	948.3	1 107.5	1 255.4	1 472.1	1 777.6	2 151.7	2 283.7	2 328.5
88. Photographic apparatus, equipment and supplies and optical goods, nes, watches and clocks	335.8	409.7	437.0	519.5	504.6	551.9	573.4	694.2	817.3	843.3	976.2
89. Miscellaneous manufactured articles, nes	1 201.6	1 370.7	1 536.9	1 730.4	1 909.4	2 022.7	2 393.4	2 920.8	3 174.9	3 539.2	4 357.1
5-8. Manufactured goods	25 823.6	28 028.6	30 869.5	34 811.2	34 898.0	37 312.6	40 087.2	46 703.0	52 506.1	54 580.5	61 039.9
9. Commodities and transactions not classified elsewhere	956.0	1 068.3	1 222.4	1 411.0	1 520.7	1 708.2	1 666.9	1 795.3	1 990.7	2 205.5	2 261.3

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 12.1).

2 Provisional.

1 The numbers on the left hand side of the table refer to the Section and Division code numbers of the *Standard International Trade Classification (Revision 2)*.

Source Department of Trade and Industry

12.4

Value of United Kingdom imports (cif)¹

Analysis by sections and divisions

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
Total UK imports	36 219.1	39 533.0	46 924.9	49 772.9	51 168.6	56 978.2	66 101.1	78 967.4	85 027.0	86 175.5	94 015.7
0. Food and live animals chiefly for food	5 375.1	5 327.9	5 688.5	5 477.8	5 785.2	6 414.1	6 907.2	7 820.4	8 106.5	8 718.6	8 724.8
00. Live animals chiefly for food	98.5	136.9	88.3	102.1	109.5	133.1	170.3	196.8	238.3	293.4	236.5
01. Meat and meat preparations	974.3	1 139.0	1 258.0	1 225.5	1 260.0	1 370.9	1 313.4	1 342.2	1 400.9	1 465.3	1 562.2
02. Dairy products and birds' eggs	460.3	510.0	534.4	493.7	592.2	567.9	629.2	604.6	606.3	653.2	617.8
03. Fish, crustaceans and molluscs, and preparations thereof	210.0	260.6	323.7	348.8	403.5	404.2	505.2	537.8	600.4	747.8	759.2
04. Cereals and cereal preparations	820.4	674.6	668.4	603.2	565.9	549.9	593.5	629.0	713.2	769.3	741.2
05. Vegetables and fruit	1 107.9	1 041.3	1 174.6	1 238.9	1 389.4	1 608.3	1 718.5	1 930.3	2 037.1	2 184.4	2 394.0
06. Sugar, sugar preparations and honey	427.5	450.7	402.4	391.7	393.8	429.5	443.2	524.3	508.1	530.3	521.2
07. Coffee, tea, cocoa, spices and manufactures thereof	923.4	758.5	790.8	676.6	579.5	722.4	799.9	1 291.4	1 205.7	1 220.6	997.2
08. Feedingstuff for animals (not including unmilled cereals)	209.8	212.3	276.8	248.9	328.7	446.6	523.6	501.5	487.4	527.3	506.5
09. Miscellaneous edible products and preparations	143.1	143.9	171.3	148.4	162.8	181.1	210.4	262.6	309.0	326.9	389.0
1. Beverages and tobacco	561.9	813.4	828.4	674.8	752.1	836.7	962.0	1 112.5	1 230.8	1 346.7	1 433.2
11. Beverages	305.7	359.4	477.5	439.8	482.7	517.5	617.4	705.5	843.6	1 007.9	1 105.4
12. Tobacco and tobacco manufactures	256.1	454.0	350.9	235.0	269.5	319.2	344.6	407.1	387.2	338.7	327.9
2. Crude materials, inedible, except fuels	3 538.7	3 316.2	3 865.3	3 788.5	3 736.8	3 612.9	4 416.1	4 884.9	4 856.8	4 622.4	5 183.5
21. Hides, skins and furskins, raw	210.4	196.0	224.6	227.6	192.5	189.5	184.9	235.3	238.9	216.4	264.1
22. Oil seeds and oleaginous fruit	298.6	253.8	260.4	264.8	305.3	259.6	268.6	234.8	238.8	271.3	255.0
23. Crude rubber (including synthetic and reclaimed)	166.5	160.8	185.2	182.8	171.5	182.9	197.4	223.5	228.3	203.5	227.1
24. Cork and wood	632.6	599.6	743.0	683.1	603.7	673.8	937.8	1 009.3	895.3	1 000.3	1 198.5
25. Pulp and waste paper	439.6	348.7	388.8	398.7	438.5	412.0	428.0	611.7	505.9	523.3	657.2
26. Textile fibres (other than wool tops) and their wastes (not manufactured into yarn or fabric)	461.3	480.0	475.5	376.1	376.0	410.8	475.9	596.7	662.8	546.9	633.5
27. Crude fertilisers and crude minerals (excluding coal, petroleum and precious stones)	207.6	197.3	312.3	302.8	255.9	263.5	285.8	312.6	354.1	317.1	286.6
28. Metalliferous ores and metal scrap	964.1	905.7	1 077.5	1 168.6	1 185.0	977.5	1 357.8	1 343.8	1 371.8	1 139.5	1 222.9
29. Crude animal and vegetable materials	158.1	174.4	198.0	183.9	208.4	243.3	279.7	317.3	361.0	404.1	438.6
3. Mineral fuels, lubricants and related materials	5 254.8	4 805.2	5 782.2	6 875.4	7 166.4	7 408.6	7 076.3	10 333.8	10 663.6	6 400.4	6 117.0
33. Petroleum, petroleum products and related materials	5 088.7	4 503.7	5 228.2	6 072.7	6 235.6	6 276.9	5 743.3	8 219.8	8 316.2	4 461.3	4 493.3
32, 34 and 35. Coal, coke, gas and electric current	166.1	301.6	554.0	802.7	930.8	1 131.6	1 333.1	2 114.0	2 347.4	1 939.1	1 623.7
4. Animal and vegetable oils, fats and waxes	281.3	278.4	314.6	260.9	263.3	317.0	358.8	533.2	531.5	365.1	427.0
5. Chemicals and related products	2 360.9	2 756.7	3 402.2	3 146.9	3 596.6	4 179.1	5 118.9	6 322.1	6 900.8	7 345.3	8 330.4
51. Organic chemicals	701.1	791.0	1 020.1	897.4	1 062.4	1 171.9	1 456.3	1 874.4	1 893.8	1 830.7	2 025.9
52. Inorganic chemicals	328.8	431.6	452.7	432.9	454.4	539.3	560.8	709.8	897.0	951.4	987.3
53. Dyeing, tanning and colouring materials	125.6	148.0	167.9	145.7	170.7	198.0	235.1	269.7	310.9	396.5	448.2
54. Medicinal and pharmaceutical products	173.6	201.1	229.3	222.6	298.3	374.6	470.2	542.3	590.4	679.7	786.3
55. Essential oils and perfume materials; toilet, polishing and cleansing materials	125.9	139.5	177.1	174.7	203.6	242.2	305.3	377.1	443.3	480.3	554.5
56. Fertilisers, manufactured	69.5	75.9	96.6	89.9	104.9	127.1	171.7	219.4	217.3	213.2	210.6
57. Explosives and pyrotechnic products	6.6	5.6	6.9	7.5	7.7	10.9	14.1	19.0	20.0	22.0	24.1
58. Artificial resins and plastic materials, and cellulose esters and ethers	544.1	630.1	828.1	763.2	862.9	1 017.7	1 323.5	1 609.4	1 763.5	1 985.2	2 415.9
59. Chemical materials and products, not elsewhere specified	285.8	333.8	423.5	413.1	431.7	497.4	581.9	700.8	764.6	786.4	877.6

¹ See *Note* and footnotes on page 224.

Source Department of Trade and Industry

12.4

Value of United Kingdom imports (cif)¹
Analysis by sections and divisions
(continued)

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ²
6. Manufactured goods classified chiefly by material	6 860.9	7 652.8	9 291.9	10 333.8	8 936.3	9 852.5	11 846.6	13 447.4	14 342.3	15 328.1	16 970.3
61. Leather, leather manufactures, nes, and dressed furskins	134.2	133.0	196.8	137.1	140.7	154.6	183.9	245.1	250.3	247.9	299.4
62. Rubber manufactures, nes	201.9	215.2	259.2	263.5	281.0	326.2	419.6	457.1	527.4	589.2	682.5
63. Cork and wood manufactures (excluding furniture)	310.9	382.7	464.9	368.9	443.0	436.3	578.5	622.1	632.0	687.8	784.6
64. Paper, paperboard, and articles of paper pulp, of paper or of paperboard	971.8	1 054.9	1 240.3	1 286.7	1 536.9	1 675.1	1 905.8	2 280.4	2 532.0	2 702.8	3 238.2
65. Textile yarn, fabrics, made-up articles, nes, and related products	1 129.7	1 453.9	1 691.1	1 543.7	1 761.6	1 927.6	2 320.2	2 705.4	3 032.0	3 162.4	3 497.6
66. Non-metallic mineral manufactures, nes	1 463.1	1 569.5	1 889.4	1 938.0	1 443.4	1 520.3	2 085.4	2 269.3	2 242.6	2 661.7	2 747.6
67. Iron and steel	984.9	1 056.4	1 215.2	1 448.0	1 089.5	1 367.3	1 260.3	1 487.2	1 715.5	1 796.2	1 890.1
68. Non-ferrous metals	1 131.1	1 144.0	1 564.4	2 487.4	1 425.3	1 495.7	1 985.0	1 996.2	1 903.4	1 835.7	1 942.5
69. Manufactures of metal, nes	533.4	643.2	770.7	860.5	815.1	949.5	1 107.8	1 384.4	1 507.2	1 644.5	1 887.8
7. Machinery and transport equipment	8 466.1	10 198.8	12 226.4	12 565.6	13 399.2	16 464.2	20 260.7	23 781.7	26 937.5	28 765.7	32 795.2
71. Power generating machinery and equipment	694.5	811.2	853.6	961.1	1 272.8	1 482.7	1 568.7	1 782.4	1 997.5	2 237.3	2 513.3
72. Machinery specialised for particular industries	880.8	1 083.0	1 271.1	1 205.2	1 183.3	1 485.9	1 735.6	2 078.6	2 327.3	2 362.7	2 856.8
73. Metalworking machinery	223.2	320.6	412.8	408.4	346.4	380.6	342.3	432.7	525.1	645.7	567.7
74. General industrial machinery and equipment, nes, and machine parts, nes	990.7	1 186.7	1 351.6	1 414.7	1 394.9	1 634.4	1 845.2	2 249.9	2 603.9	2 757.2	3 012.2
75. Office machines and automatic data processing equipment	911.9	1 103.0	1 330.4	1 393.4	1 631.7	2 121.9	3 017.5	4 102.7	4 510.0	4 542.1	5 431.2
76. Telecommunications and sound recording and reproducing apparatus and equipment	544.0	617.3	796.5	823.6	1 291.4	1 586.2	1 915.9	1 848.3	2 130.6	2 401.6	2 801.4
77. Electrical machinery, apparatus and appliances, nes, and electrical parts thereof (including non-electrical counter-parts, nes, of electrical household type equipment)	1 049.6	1 210.6	1 410.5	1 518.5	1 759.6	2 179.1	2 805.8	3 846.7	4 276.9	4 445.9	5 051.8
78. Road vehicles (including air cushion vehicles)	2 133.5	2 796.9	3 943.2	3 351.6	3 408.1	4 489.6	5 753.8	5 957.6	6 800.6	7 938.8	8 807.2
79. Other transport equipment	1 037.8	1 069.7	856.6	1 488.9	1 111.1	1 103.8	1 275.9	1 482.9	1 765.6	1 434.5	1 753.6
8. Miscellaneous manufactured articles	3 014.7	3 813.2	4 768.1	5 130.7	6 061.1	6 618.4	7 710.4	9 459.5	10 131.6	11 386.1	12 888.1
81. Sanitary, plumbing, heating and lighting fixtures and fittings, nes	37.6	54.9	81.1	78.1	81.8	103.5	126.7	151.2	177.2	216.6	254.5
82. Furniture and parts thereof	139.3	194.5	253.8	283.2	349.2	400.1	490.4	591.6	662.8	776.0	878.1
83. Travel goods, handbags and similar containers	45.0	65.1	92.3	94.9	117.7	108.6	131.1	161.9	174.9	199.9	230.9
84. Articles of apparel and clothing accessories	767.2	920.5	1 194.1	1 230.7	1 438.4	1 500.0	1 601.3	2 011.7	2 090.1	2 386.1	2 778.4
85. Footwear	214.3	252.2	352.5	354.0	415.6	468.3	542.0	642.0	671.1	734.4	799.3
87. Professional, scientific and controlling instruments and apparatus, nes	418.4	555.4	634.4	743.5	865.6	1 052.1	1 301.3	1 593.8	1 761.5	1 790.0	1 903.6
88. Photographic apparatus, equipment and supplies and optical goods, nes, watches and clocks	421.2	538.3	608.9	655.0	749.0	761.0	862.2	1 068.7	1 173.0	1 285.6	1 357.9
89. Miscellaneous manufactured articles, nes	971.7	1 232.3	1 551.0	1 691.3	2 043.8	2 224.9	2 655.5	3 238.7	3 420.9	3 997.5	4 685.4
5-8. Manufactured goods	20 702.5	24 421.4	29 688.7	31 177.0	31 993.2	37 114.2	44 936.5	53 010.7	58 312.2	62 825.3	70 984.0
9. Commodities and transactions not classified elsewhere	504.8	570.4	757.2	1 518.5	1 471.6	1 274.8	1 444.3	1 271.8	1 325.7	1 897.0	1 146.2

Note The statistics are on an overseas trade statistics basis (see footnote 1 to Table 12.1).

2 Provisional.

1 The numbers on the left hand side of the table refer to the Section and Division code numbers of the *Standard International Trade Classification (Revision 2)*.

Source Department of Trade and Industry

12.5

Value of United Kingdom exports (fob)

Analysis by destination

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁴
Total trade	31 990.1	35 380.3	40 637.0	47 357.1	50 998.1	55 557.8	60 684.3	70 488.3	78 391.8	72 987.7	79 851.4
European Community⁵											
Total	11 848.6	13 620.8	17 479.4	20 542.6	21 119.1	23 123.6	26 508.8	31 506.7	36 233.8	34 996.3	39 416.8
France	2 164.8	2 495.6	3 026.6	3 594.5	3 625.9	4 491.8	5 650.8	6 996.3	7 771.4	6 210.5	7 781.5
Belgium and Luxembourg	1 386.6	1 605.1	1 890.6	2 258.9	2 092.0	2 309.6	2 574.5	3 051.9	3 347.7	3 832.9	3 857.7
Netherlands	2 153.3	2 251.3	3 061.3	3 838.7	4 019.4	4 642.8	5 441.1	6 127.0	7 344.8	5 441.7	5 856.2
Germany, Federal Republic	2 513.6	3 086.5	4 217.6	5 067.4	5 516.0	5 412.5	6 068.7	7 484.2	8 966.1	8 549.1	9 404.3
Italy	982.4	1 121.8	1 463.1	1 896.9	1 742.5	2 024.3	2 279.1	2 903.5	3 466.2	3 463.5	4 145.7
Irish Republic	1 619.3	2 024.1	2 544.9	2 639.0	2 813.0	2 889.4	3 055.3	3 393.8	3 631.1	3 553.5	3 831.7
Denmark	802.3	830.6	1 015.3	1 024.6	1 056.1	1 098.2	1 159.2	1 195.5	1 371.1	1 211.6	1 231.1
Greece	226.4	205.7	260.1	222.5	254.2	255.1	280.2	354.3	335.4	356.0	444.5
Rest of Western Europe⁵											
Total	4 734.1	4 424.7	5 559.1	6 749.8	6 341.3	6 680.9	7 506.2	8 752.9	9 430.6	6 961.1	7 621.5
Norway	776.9	637.8	773.2	790.6	877.0	933.9	829.1	972.9	1 140.7	1 147.6	1 220.8
Sweden	1 198.0	1 169.7	1 536.9	1 624.7	1 601.2	1 935.6	2 387.7	2 893.9	3 025.3	2 307.8	2 322.2
Finland	346.6	349.0	410.6	525.6	525.0	513.3	539.7	699.5	705.4	664.1	797.2
Switzerland	806.1	870.8	1 249.2	1 953.2	1 458.6	1 195.7	1 385.8	1 549.5	1 306.6	1 575.2	1 835.9
Austria	252.1	237.5	257.3	278.8	246.9	250.8	273.8	320.9	381.0	403.0	463.2
Portugal	300.3	284.1	305.4	390.0	368.1	428.5	397.0	386.4	439.6	472.1	699.9
Spain	466.6	470.6	567.3	700.4	740.7	871.4	1 128.4	1 234.3	1 552.6	1 905.5	2 164.2
Yugoslavia	175.0	158.8	173.8	176.3	194.8	158.8	147.8	163.9	177.5	188.4	206.9
Turkey	210.2	110.5	135.6	147.1	159.6	218.1	243.8	331.4	459.8	433.3	513.5
Other countries	202.3	135.9	149.8	163.1	169.4	174.8	173.1	200.3	242.1	241.7	261.7
North America											
Total	3 790.5	4 249.3	4 791.4	5 329.2	7 130.9	8 353.3	9 495.8	11 416.3	13 331.5	12 118.5	12 993.2
Canada	702.3	736.6	767.2	751.8	845.0	852.1	973.8	1 183.6	1 693.6	1 698.2	1 938.2
United States	3 064.6	3 485.0	4 003.1	4 553.6	6 258.2	7 474.8	8 485.8	10 159.2	11 519.4	10 369.9	11 014.2
Other countries ¹	23.6	27.7	21.1	23.8	27.7	26.4	36.3	73.4	118.6	50.4	40.7
Other developed countries											
Total	2 088.8	2 323.0	2 474.8	2 661.8	2 939.2	3 235.4	3 136.7	3 687.9	3 791.1	3 614.0	4 045.7
South Africa	564.7	659.1	715.7	998.4	1 220.0	1 190.7	1 110.7	1 204.1	1 009.2	849.5	948.6
Japan	470.9	541.8	606.2	596.5	620.3	680.9	799.2	926.6	1 012.3	1 193.7	1 495.1
Australia	763.3	854.2	840.8	815.8	863.6	1 041.5	940.6	1 189.0	1 373.0	1 227.7	1 223.6
New Zealand	289.9	267.8	312.1	251.1	235.4	322.3	286.1	368.3	396.6	343.2	378.4
Oil exporting countries											
Total	4 323.5	4 664.9	3 648.1	4 777.0	5 931.6	6 445.1	6 127.9	5 806.3	5 952.1	5 498.8	5 222.4
Algeria	99.0	121.4	108.9	140.4	173.0	199.2	233.9	272.4	176.6	129.6	73.1
Libya	173.9	214.2	248.7	288.4	530.4	261.0	274.1	246.5	237.2	263.8	220.6
Nigeria	1 074.1	1 121.1	627.2	1 191.5	1 428.0	1 225.8	800.3	768.8	961.0	565.4	481.6
Gabon	5.6	6.2	6.5	9.2	12.1	14.2	18.8	20.5	30.7	16.6	12.0
Saudi Arabia	584.8	729.7	808.3	945.2	1 133.9	1 361.5	1 480.2	1 386.7	1 249.0	1 508.2	1 978.4
Kuwait	247.4	307.8	224.8	250.8	281.2	333.1	333.5	301.5	347.9	300.6	225.2
Bahrain	114.1	116.7	110.8	95.1	102.3	152.0	150.3	138.7	161.5	131.0	125.2
Qatar	117.5	91.8	101.7	102.0	135.7	245.4	216.5	133.8	142.1	112.1	105.1
Abu Dhabi	133.7	124.9	154.9	214.6	246.7	272.9	219.3	215.9	246.7	168.1	150.0
Dubai	264.9	272.5	303.2	268.5	230.4	253.9	313.3	298.8	345.3	379.5	306.8
Sharjah, etc.	56.3	37.1	23.5	17.5	15.0	32.1	35.5	27.0	29.3	34.2	22.2
Oman	184.2	121.2	122.3	121.0	170.8	265.2	449.1	390.4	489.9	399.6	249.9
Iraq	167.4	216.7	201.2	322.1	623.9	873.7	399.9	343.1	444.7	443.8	271.7
Iran	658.4	751.2	231.8	392.7	402.8	333.6	630.7	703.4	525.6	399.4	307.9
Brunei	17.4	16.3	22.8	23.1	24.2	41.8	106.5	122.7	71.5	154.1	204.1
Indonesia	86.7	83.6	75.8	112.2	139.2	212.1	193.6	186.7	175.3	196.5	236.0
Trinidad and Tobago	97.4	110.7	104.6	120.4	121.5	158.4	149.0	113.5	93.9	79.0	57.0
Venezuela	180.7	188.9	137.7	131.5	126.3	148.6	88.3	101.5	165.3	170.1	157.8
Ecuador	59.5	33.0	33.5	30.9	34.1	60.8	35.0	34.3	58.6	47.1	37.9

1 Greenland, Puerto Rico and St. Pierre and Miquelon.

2 See page 226.

3 See page 226.

4 Provisional.

5 With effect from 1 January 1986 European Community figure includes Portugal and Spain, Rest of Western Europe figure excludes both countries.

Source Department of Trade and Industry

12.5

Value of United Kingdom exports (fob)
Analysis by destination
(continued)

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁴
Other developing countries											
Total	4 201.4	4 927.4	5 353.8	5 847.5	6 279.8	6 607.8	6 664.6	7 550.1	7 923.5	7 647.6	8 514.3
Egypt	190.6	205.1	253.1	324.0	325.1	338.8	370.9	427.7	470.5	371.0	342.2
Ghana	100.1	115.1	87.8	88.2	87.8	66.7	82.2	82.9	116.9	113.2	138.1
Kenya	118.6	192.8	170.3	257.0	173.7	153.7	111.4	176.1	160.6	170.7	199.1
Tanzania	72.3	112.2	121.4	110.9	83.0	71.9	62.1	60.4	88.6	62.9	91.9
Zambia	86.2	68.4	85.5	96.3	68.2	61.2	55.5	66.7	85.9	77.9	75.2
Cyprus	89.2	90.3	97.6	108.4	115.6	111.8	127.9	146.8	151.2	140.5	141.1
Lebanon	48.8	57.9	65.7	70.7	61.9	67.6	81.4	76.2	52.8	55.9	40.7
Israel	276.0	243.4	270.8	230.6	212.0	264.1	354.6	393.0	434.5	462.4	523.6
Pakistan	121.1	112.0	139.9	139.8	149.4	199.1	191.9	282.5	255.4	227.0	253.0
India	277.9	348.4	455.8	529.2	638.9	805.0	805.2	780.7	895.1	941.2	1 090.1
Thailand	82.5	86.4	94.4	97.0	91.5	104.8	132.3	149.7	157.7	158.2	206.6
Malaysia	147.9	186.4	187.5	223.3	196.2	210.6	248.3	283.1	281.7	226.9	258.0
Singapore	201.5	255.7	270.9	327.6	355.0	406.0	469.4	556.5	612.9	547.4	602.6
Taiwan	63.1	92.5	103.1	92.4	120.0	125.2	128.4	150.6	164.8	192.5	292.3
Hong Kong	271.5	361.7	439.5	559.2	618.5	730.7	727.3	897.4	949.2	961.0	1 013.0
South Korea	76.0	129.1	145.2	101.4	155.8	167.7	169.0	219.6	247.8	288.4	427.2
Philippines	94.6	111.9	104.3	86.2	85.7	97.7	102.9	92.0	94.4	79.8	113.8
Jamaica	39.9	48.6	44.7	33.3	42.9	55.9	116.2	48.1	44.3	43.4	54.6
Mexico	79.0	108.6	134.8	188.1	209.6	162.9	95.7	150.2	203.4	162.3	199.0
Chile	39.5	37.5	43.1	55.8	62.2	56.9	43.5	75.0	73.9	67.5	105.8
Brazil	255.7	221.0	285.8	220.2	174.4	158.8	158.4	238.7	211.5	299.8	347.9
Argentina	130.3	114.6	128.4	172.9	161.2	37.3	4.5	5.2	3.8	10.1	10.3
Other countries	1 339.1	1 627.8	1 624.2	1 734.9	2 091.2	2 153.4	2 025.6	2 190.9	2 166.5	1 987.6	1 988.2
Centrally planned economies											
Total	906.6	1 070.0	1 185.6	1 308.3	1 130.4	974.2	1 113.3	1 629.6	1 587.2	1 710.3	1 538.7
Soviet Union	347.1	422.9	416.2	449.2	408.3	356.1	445.4	734.8	536.5	542.5	491.6
German Democratic Republic	54.5	47.4	57.0	93.0	83.0	63.7	61.0	92.3	63.8	81.9	81.5
Poland	200.6	266.0	260.1	296.2	175.7	133.2	151.7	170.0	184.2	167.1	181.5
Czechoslovakia	65.2	73.2	73.8	81.0	70.7	70.1	69.5	78.1	100.5	108.8	114.1
Romania	83.5	74.9	70.3	99.1	150.3	115.2	82.2	71.6	78.5	82.0	55.7
Other countries ²	155.7	185.6	308.2	289.8	242.4	235.9	303.5	483.0	623.8	727.9	614.4
Low value trade³	96.5	100.1	144.9	140.9	125.8	137.5	131.0	138.5	141.9	441.1	498.7

2 Hungary, Albania, Bulgaria, China, North Korea, Vietnam and Mongolia.

3 Items valued at less than £50 (raised to £100 with effect from 1 September 1973; to £150 from 1 January 1977; to £200 from 1 January 1979 and to £475 from 1 January 1986) have not been allocated to specific countries and areas.

4 Provisional.

Source Department of Trade and Industry

12.6

Value of United Kingdom imports (cif)

Analysis by source

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁴
Total trade	36 219.1	39 533.0	46 924.9	49 772.9	51 168.6	56 978.2	66 101.1	78 967.4	85 027.0	86 175.5	94 015.7
European Community											
Total	14 160.4	16 547.1	20 887.6	20 574.2	21 718.0	25 269.0	30 104.1	35 159.3	39 004.8	44 576.8	49 557.5
France	2 672.4	3 198.1	4 015.8	3 848.7	3 978.6	4 266.9	5 042.2	5 885.7	6 635.8	7 387.1	8 382.0
Belgium and Luxembourg	1 664.8	1 757.2	2 272.9	2 380.7	2 448.6	2 857.5	3 129.0	3 688.1	4 015.2	4 084.3	4 362.5
Netherlands	2 494.6	2 518.4	3 442.8	3 397.9	3 895.5	4 512.0	5 103.8	6 115.2	6 553.2	6 623.0	7 148.0
Germany, Federal Republic	3 591.4	4 498.3	5 778.1	5 654.1	5 941.1	7 405.9	9 665.7	11 088.1	12 655.3	14 137.8	15 783.9
Italy	1 536.2	1 926.8	2 478.8	2 291.2	2 330.4	2 736.6	3 196.6	3 809.0	4 293.1	4 666.0	5 216.8
Irish Republic	1 291.7	1 601.3	1 681.4	1 769.4	1 782.1	2 003.4	2 289.4	2 635.1	2 817.2	3 054.0	3 488.4
Denmark	813.4	954.5	1 079.6	1 100.6	1 179.1	1 335.3	1 512.4	1 659.2	1 714.8	1 756.8	1 873.5
Greece	95.9	92.5	138.0	131.5	162.6	151.3	164.9	278.9	320.1	309.1	355.3
Rest of Western Europe											
Total	5 083.2	5 998.3	7 192.0	7 265.0	7 798.8	8 390.4	10 457.4	13 432.3	14 571.5	11 886.8	12 869.7
Norway	848.8	1 438.2	1 316.9	1 439.5	1 943.2	2 019.2	2 833.8	3 999.4	4 444.3	3 253.7	3 290.3
Sweden	1 262.6	1 337.5	1 600.2	1 466.3	1 533.6	1 672.9	2 053.5	2 416.8	2 467.4	2 760.4	2 952.5
Finland	594.4	637.0	792.2	793.4	844.4	921.8	996.0	1 248.2	1 324.0	1 346.0	1 539.0
Switzerland	961.2	1 304.6	1 835.1	1 893.8	1 708.1	1 664.5	2 153.2	2 490.1	2 370.9	3 020.1	3 298.0
Austria	268.6	322.9	345.2	307.0	348.0	402.4	438.3	529.5	630.2	705.3	782.0
Portugal ⁵	230.6	254.3	338.1	334.4	333.4	379.9	475.6	644.8	695.7	768.4	848.0
Spain ⁵	437.0	496.3	706.4	795.2	788.6	941.0	1 110.2	1 603.7	1 773.4	1 790.2	2 099.1
Yugoslavia	40.4	37.7	51.3	48.2	42.4	52.1	84.0	108.4	122.2	145.1	175.3
Turkey	57.7	62.6	65.8	49.3	128.2	207.8	184.9	237.2	538.5	406.6	579.4
Other countries	381.9	107.2	140.8	137.9	128.9	128.8	128.2	154.3	205.0	249.5	253.3
North America											
Total	4 983.8	5 313.7	6 197.2	7 464.2	7 587.8	8 095.0	9 082.9	11 067.4	11 709.1	10 028.3	10 781.6
Canada	1 217.0	1 134.0	1 272.2	1 411.7	1 508.8	1 436.2	1 523.3	1 618.1	1 653.0	1 470.4	1 568.3
United States	3 728.3	4 149.0	4 883.6	6 019.2	6 048.3	6 624.1	7 497.2	9 367.7	9 925.5	8 471.5	9 136.0
Other countries ¹	38.5	30.7	41.4	33.3	30.7	34.7	62.5	81.7	130.6	86.4	77.3
Other developed countries											
Total	2 846.3	2 997.9	3 042.7	3 367.5	3 678.1	4 436.1	5 170.6	5 620.5	6 379.3	6 865.3	7 282.4
South Africa	1 015.2	911.2	648.9	752.4	649.2	745.7	764.5	725.6	989.8	829.6	658.2
Japan	1 060.7	1 283.0	1 488.2	1 707.2	2 206.4	2 658.8	3 355.4	3 771.9	4 115.5	4 936.9	5 463.1
Australia	386.6	369.6	498.7	498.8	395.4	492.7	564.1	640.1	741.0	643.2	673.8
New Zealand	383.8	434.1	415.9	409.0	427.2	538.9	486.4	482.9	533.0	455.7	487.3
Oil exporting countries											
Total	3 703.9	3 326.2	3 212.7	4 253.1	3 666.9	3 453.4	2 832.7	2 934.2	2 814.7	2 103.0	1 699.7
Algeria	50.1	37.9	83.4	113.8	159.5	176.3	157.7	274.1	262.1	140.9	172.9
Libya	141.3	96.5	58.4	46.2	74.8	342.5	223.6	164.8	311.8	136.4	133.6
Nigeria	223.8	275.8	176.3	144.3	95.1	356.8	388.0	434.6	663.0	329.0	159.4
Gabon	3.2	2.9	10.9	10.6	36.7	27.6	66.1	67.5	48.3	36.6	5.4
Saudi Arabia	1 100.5	798.0	1 000.6	1 874.3	1 892.6	1 447.8	897.7	545.6	496.3	659.6	383.1
Kuwait	543.3	589.7	736.9	646.8	477.3	104.7	67.3	141.5	161.5	62.7	81.5
Bahrain	16.4	30.1	9.3	13.1	16.7	35.5	36.8	28.2	45.1	19.0	60.7
Qatar	100.8	29.8	40.5	44.7	10.7	34.0	10.1	28.2	32.6	29.6	13.8
Abu Dhabi	121.8	121.9	90.3	246.3	274.7	184.3	59.0	21.9	25.2	14.6	13.8
Dubai	121.8	148.3	141.7	235.2	116.0	57.5	211.6	60.6	44.4	56.2	77.3
Sharjah, etc.	0.7	0.8	1.1	0.8	2.7	25.2	48.6	4.7	27.3	3.3	4.0
Oman	15.6	30.4	26.0	19.2	40.5	46.4	90.6	80.9	68.4	85.5	49.5
Iraq	331.6	496.6	393.5	532.3	72.6	79.6	30.3	69.0	44.1	66.1	33.9
Iran	787.0	526.8	242.7	107.2	154.4	225.9	100.6	368.6	63.3	100.3	187.6
Brunei	0.5	0.4	0.4	0.8	2.7	2.4	27.2	27.3	23.3	71.6	34.1
Indonesia	28.8	33.4	56.1	57.0	73.8	90.7	169.4	181.5	156.5	141.2	144.8
Trinidad and Tobago	29.7	31.6	41.2	35.0	37.2	65.1	52.7	164.7	83.7	41.6	38.6
Venezuela	66.7	71.3	97.3	116.9	124.0	141.9	184.4	257.5	238.9	97.4	91.7
Ecuador	5.0	4.1	6.2	8.6	5.1	9.3	11.0	13.0	19.0	11.3	14.0

1 Greenland, Puerto Rico and St. Pierre and Miquelon.

2 See page 228.

3 See page 228.

4 Provisional.

5 With effect from 1 January 1986, European Community figure includes Portugal and Spain, Rest of Western Europe figure excludes both countries.

Source Department of Trade and Industry

12.6

Value of United Kingdom imports (cif)
Analysis by source

(continued)

(continued)

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987 ⁴
Other developing countries											
Total	4 258.6	4 186.8	5 104.4	5 679.9	5 599.9	5 895.8	6 798.4	8 579.3	8 512.0	8 439.8	9 285.7
Egypt	88.5	99.0	237.7	333.9	414.6	412.8	79.8	179.9	162.0	87.7	127.3
Ghana	127.0	110.7	89.9	100.0	61.2	78.4	58.1	61.5	99.4	103.5	113.9
Kenya	155.2	111.1	115.4	103.1	95.2	104.3	128.5	203.1	185.6	163.7	129.2
Tanzania	43.6	41.5	40.4	34.6	25.3	19.5	46.5	42.2	46.6	40.3	26.4
Zambia	95.4	67.9	101.4	88.9	41.4	40.0	50.2	48.1	27.9	27.3	30.3
Cyprus	88.8	75.7	87.3	97.7	80.6	89.9	87.4	94.3	93.7	124.1	118.3
Lebanon	8.4	8.1	9.4	9.1	7.5	24.2	11.5	6.9	7.9	9.8	9.5
Israel	159.7	176.4	219.3	232.7	255.9	276.1	313.7	392.7	404.0	385.2	437.0
Pakistan	48.3	54.9	68.0	58.3	63.2	81.5	80.3	93.1	119.9	131.3	167.3
India	384.1	322.1	365.5	318.0	294.3	378.7	366.8	571.0	434.5	440.6	536.7
Thailand	34.9	37.3	49.9	51.0	56.3	76.5	87.8	112.4	131.8	182.7	239.4
Malaysia	223.7	200.1	221.7	186.9	188.3	185.2	222.5	319.5	383.9	349.9	397.1
Singapore	103.0	116.8	185.3	535.5	207.0	245.5	403.1	488.4	441.3	463.0	473.8
Taiwan	149.8	147.0	213.5	230.5	321.1	335.3	458.1	585.2	582.6	705.6	1 006.9
Hong Kong	456.9	528.1	689.3	849.8	896.6	870.8	1 177.3	1 266.2	1 175.6	1 537.0	1 531.7
South Korea	178.8	214.5	263.6	242.5	325.5	321.6	440.3	444.1	480.4	660.9	936.0
Philippines	53.0	57.1	81.3	99.4	105.5	127.0	160.7	199.7	180.0	182.8	202.7
Jamaica	78.2	100.1	82.1	99.0	114.2	92.8	94.0	77.9	89.7	84.5	85.7
Mexico	40.8	41.3	35.5	111.6	108.8	106.1	161.0	175.4	236.8	116.1	244.7
Chile	73.9	82.2	131.2	128.6	87.9	111.2	107.6	108.4	134.7	127.9	112.8
Brazil	303.2	282.2	399.3	296.4	369.9	443.9	560.2	637.8	610.9	552.1	636.7
Argentina	120.6	153.2	144.2	116.2	136.9	58.3	0.2	0.0	2.0	28.6	64.6
Other countries	1 242.8	1 159.5	1 273.2	1 355.9	1 342.7	1 416.2	1 702.8	2 470.6	2 480.6	1 935.2	1 657.6
Centrally planned economies											
Total	1 125.4	1 099.7	1 196.0	1 069.7	1 014.6	1 327.2	1 535.1	2 042.7	1 893.2	1 863.9	2 097.4
Soviet Union	545.1	488.8	491.6	422.0	426.7	645.4	729.9	855.3	726.5	702.1	875.4
German Democratic Republic	95.3	88.4	109.7	88.2	93.6	133.9	167.6	198.1	204.2	195.5	180.3
Poland	178.6	211.9	227.4	193.7	133.6	151.9	177.1	266.7	321.7	308.6	303.4
Czechoslovakia	86.3	85.8	96.8	87.8	70.5	82.0	101.4	117.5	120.0	126.1	141.5
Romania	52.5	51.7	65.9	64.8	46.5	51.5	58.9	226.1	99.2	86.7	92.5
Other countries ²	167.6	173.1	204.6	213.1	243.7	262.5	300.2	378.9	421.6	444.9	504.2
Low value trade³	57.5	63.3	92.3	99.3	104.7	111.3	119.9	131.7	142.5	411.7	441.8

2 Hungary, Albania, Bulgaria, China, North Korea, Vietnam and Mongolia.

3 Items valued at less than £50 (raised to £100 with effect from 1 September 1973; to £150 from 1 January 1977; to £200 from January 1979 and to £475 from 1 January 1986) have not been allocated to specific countries and areas.

4 Provisional.

Source Department of Trade and Industry

13 Balance of Payments

Tables 13.1, 13.2 and 13.3 in this section are derived from *United Kingdom Balance of Payments 1988 Edition*—the CSO Pink Book and Tables 13.4 and 13.5 are based on the annual publication *British Aid Statistics*, the latest edition of which covers the period 1981 to 1985.

The following general notes and footnotes to the tables provide brief definitions and explanations of the figures and terms used. Further notes are included in the publications named above. As far as possible transactions have been included in the balance of payments at the rate of exchange at which the transactions took place.

CURRENT ACCOUNT

In principle, transactions are recorded when the ownership of goods or assets changes and when services are rendered.

Visible trade

The *Overseas Trade Statistics of the United Kingdom* are the basis of the balance of payments figures, with certain adjustments in respect of valuation and coverage.

Invisibles: Services

General government covers all UK government current expenditure and receipts not appropriate to other items in the current account.

Transport—sea transport covers both dry and wet cargo transactions of UK operators with overseas residents, and of overseas operators with UK residents. The figures relate to freight, charter hire, port disbursements and passage money.

Transport—civil aviation covers overseas transactions of British airlines, and the transactions of overseas airlines with UK residents. Figures relate to passenger fares, freight, charter hire and airport disbursements.

Travel covers personal expenditure by overseas residents in the United Kingdom and by UK residents in overseas countries.

Financial and other services comprises the earnings, net of expenses, of UK financial and allied institutions for services and all services transactions not included elsewhere.

Invisibles: Interest, profits and dividends

Includes all interest, profits and dividends accruing to UK residents from non-residents or payable overseas by UK residents (after deduction of local taxes and depreciation) and includes profits retained for re-investment.

Invisibles: Transfers

General government transfers includes principally grants to overseas countries and contributions and subscriptions to and grants from international organisations (including European Community institutions).

Private transfers. Value of private assets passing from non-resident to resident ownership or *vice versa* without a *quid pro quo* including transfers of assets by migrants other than their personal or household belongings.

TRANSACTIONS IN EXTERNAL ASSETS AND LIABILITIES

Outward and inward investment

Direct investment

Comprises mainly net investment by overseas companies in their United Kingdom affiliates, including the re-investment of retained profits, and by United Kingdom companies in their overseas branches, subsidiaries and associates. Government departments are excluded but outward investment includes public corporations.

Also included are identified transactions in real estate and outward investment includes transactions in non-bank financial institutions' loans and mortgages.

Portfolio investment

United Kingdom portfolio investment overseas consists of net purchases and sales of overseas government, municipal and company securities.

Overseas investment in the United Kingdom comprises investment in:

UK company securities, representing the changes in the holdings by overseas residents of United Kingdom company securities, including securities issued abroad;

British government stocks, consisting of net transactions by overseas residents;

British government foreign currency notes and bonds; local authorities' securities and public sector net issues abroad.

Net foreign currency transactions of UK banks

This item consists of changes in deposits of foreign currencies made with UK resident banks by non-residents and loans by the banks in those currencies to non-residents.

It covers the financing of UK banks' net foreign currency business with UK residents *plus* any switching by the banks between foreign currencies and sterling.

Prior to 1979 data on foreign currency lending (apart from certain export credit) and borrowing are not available separately. Net transactions are shown under borrowing.

Net sterling transactions of UK banks

This item consists of sterling advances and overdrafts (net of repayments) provided to overseas residents (including banks abroad) by UK banks, sterling commercial bills discounted, acceptances, and sterling borrowing and deposit liabilities abroad.

Deposits with and lending to banks abroad by UK non-bank private sector

Consist of UK residents' deposits with banks in the International Monetary Fund (IMF) reporting area supplemented by fiduciary accounts with Swiss banks and deposits with branches of US banks in Panama.

Borrowing from banks abroad

Covers predominately borrowing from commercial banks in the IMF reporting area, the European Investment Bank and the United States Export-Import Bank.

Official reserves

Consists of the sterling equivalent, at current rates of exchange, of drawings on or additions to the gold, convertible currencies and special drawing rights held in the reserves and of changes in the reserve position with the IMF.

Other external assets

Includes identified trade credit between unrelated companies (advance and progress payments on imports and until end-1982 export credit), inter-government loans by the United Kingdom and subscriptions to international lending bodies.

Other external liabilities

Includes identified trade credit between unrelated companies (advance on progress payments on exports and import credit), inter-government loans to the United Kingdom, transactions with the IMF and overseas holdings of Treasury bills.

Allocation of special drawing rights

The distribution of reserve assets created by the IMF.

Balancing item

Represents the net total of errors and omissions in other items.

Levels of UK external assets and liabilities
(Table 13.3)

The figures in this table show the levels of the stocks of external financial assets and liabilities at the end of each calendar year. Changes in these levels reflect not only the capital transactions during the year but also, in many instances, revaluations and other changes. In particular some items may be valued in foreign currency terms and most investments are recorded at either book or market values; in such instances revaluations will usually occur regardless of whether transactions take place.

Because of the very varied data sources used to derive the estimates there are many inconsistencies in the figures resulting particularly from different methods of valuation, which wherever possible, are at market value. Valuation problems, and the fact that certain assets and liabilities are unidentifiable, mean the balance between the estimates of external assets and liabilities is an inexact measure of the United Kingdom's debtor/creditor position with the rest of the world.

Assets include direct and portfolio investment overseas by UK residents, lending to overseas residents by UK banks, deposits and lending overseas by other UK residents and the official reserves. Liabilities include overseas residents, direct and portfolio investment in the United Kingdom, borrowing, etc. from overseas residents by UK banks and borrowing from overseas by other UK residents.

General government comprises UK central government and local authorities.

For a more detailed explanation and analysis of the figures see Section 9 of the 1988 Pink Book.

OVERSEAS AID
(Tables 13.4 and 13.5)

The United Kingdom aid programme is administered by the Overseas Development Administration (ODA) to promote the economic development of developing countries. It is managed within financial years, the money being voted annually by Parliament. However the statistics relating to the programme are published for the calendar year as this basis is used both for international aid comparisons and for

national purposes such as the balance of payments. Fluctuations may thus occur in the calendar year figures which are not reflected in the financial year figures. This has been particularly true in the case of India, the largest bilateral recipient, whose aid receipts in 1976, 1979 and 1981 were abnormally high, while its receipts in 1980 and 1982 were abnormally low.

Aid flows can be measured before (gross) or after (net) deduction of repayments of principal on past loans. These tables show only the gross figures.

Aid is provided in two main ways: *bilateral*, that is directly to governments of developing countries or to institutions in the United Kingdom for work on behalf of such countries, or *multilateral*, that is to international institutions for their economic development programmes. Table 13.4 shows the three main groups of multilateral agencies, the International Development Association being the largest in the World Bank Group.

Bilateral aid takes various forms. *Project aid* is finance for the establishment of new, or expansion of existing, production and infrastructure facilities. The bulk is provided by the ODA, either from country programmes or from the Aid and Trade Provision (a special allocation to soften the terms of credits to developing countries by mixing aid funds with private export credits). The Commonwealth Development Corporation invests in productive public or private sector projects in developing countries. *Non-project aid* includes programme aid (for import finance not related to specific projects), debt relief, budgetary aid, food aid and disaster relief. *Technical Co-operation* is used to provide experts to work overseas, training for developing country nationals, consultancies, small items of equipment, to fund research and development in the United Kingdom of benefit to developing countries and support to voluntary organisations. Most of the aid not allocable by country in Table 13.5 is for technical co-operation provided through organisations in the United Kingdom.

Fuller statistics of Britain's aid effort are published annually in *British Aid Statistics* (obtainable from the Library, ODA, Abercrombie House, East Kilbride, Glasgow G75 8EA). International comparisons are available in the OECD Development Assistance Committee's annual report. The latest is *1987 Report: Development co-operation* (available from HMSO).

13.1

Balance of payments of the United Kingdom

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Current account											
Visible trade											
Exports (fob)	31 682	34 981	40 470	47 147	50 668	55 330	60 698	70 263	77 988	72 678	79 422
Imports (fob)	34 006	36 574	43 868	45 794	47 318	53 112	61 773	74 843	80 334	81 394	89 584
Visible balance	-2 324	-1 593	-3 398	1 353	3 350	2 218	-1 075	-4 580	-2 346	-8 716	-10 162
Invisibles											
Credits	21 351	24 895	33 337	41 362	57 347	65 483	65 997	77 765	80 662	77 249	80 010
Debits	19 177	22 338	30 437	39 593	53 761	63 016	61 090	71 163	74 979	68 732	72 552
Invisibles balance	2 174	2 557	2 900	1 769	3 586	2 467	4 907	6 602	5 683	8 517	7 458
of which:											
Services balance	3 037	3 842	3 907	3 949	3 923	2 762	3 721	3 941	5 962	5 618	5 638
Interest, profits and dividends balance	265	806	1 205	-196	1 210	1 446	2 847	4 433	2 800	5 079	5 523
Transfers balance	-1 128	-1 791	-2 210	-1 984	-1 547	-1 741	-1 661	-1 772	-3 079	-2 180	-3 503
Current balance	-150	964	-496	3 122	6 936	4 685	3 832	2 022	3 337	-199	-2 504
Transactions in external assets and liabilities¹											
Investment overseas by UK residents											
Direct	-2 399	-3 520	-5 889	-4 886	-6 005	-4 091	-5 417	-6 003	-8 653	-11 525	-15 372
Portfolio	12	-1 073	-887	-3 310	-4 468	-7 563	-7 193	-9 866	-19 440	-25 243	6 463
Total UK investment overseas	-2 387	-4 593	-6 776	-8 196	-10 473	-11 654	-12 610	-15 869	-28 093	-36 768	-8 909
Investment in the United Kingdom by overseas residents											
Direct	2 546	1 962	3 030	4 355	2 932	3 027	3 386	-181	4 213	4 176	5 953
Portfolio	1 910	-139	1 549	1 499	323	225	1 888	1 419	7 121	8 447	10 805
Total overseas investment in the United Kingdom	4 456	1 823	4 579	5 854	3 255	3 252	5 274	1 238	11 334	12 623	16 758
Foreign currency lending abroad by UK banks ²	-5	-163	-30 104	-29 835	-36 928	-16 498	-16 117	-9 357	-20 336	-48 020	-45 626
Foreign currency borrowing abroad by UK banks ²	1 051	-850	30 752	30 505	36 763	19 904	17 192	18 648	25 306	58 116	44 270
Net foreign currency transactions of UK banks	1 046	-1 013	648	670	-165	3 406	1 075	9 291	4 970	10 096	-1 356
Sterling lending abroad by UK banks	-383	-1 030	210	-2 778	-3 019	-4 019	-2 232	-4 933	-1 635	-5 955	-4 638
Sterling borrowing and deposit liabilities abroad of UK banks	1 607	57	2 788	3 044	2 497	4 421	3 945	6 149	4 155	5 605	8 519
Net sterling transactions of UK banks	1 224	-973	2 998	266	-522	402	1 713	1 216	2 520	-350	3 881
Deposits with and lending to banks abroad by UK non-bank private sector	-954	-280	-1 138	-2 502	-1 864	-598	863	-3 243	-1 251	-2 787	-3 784
Borrowing from banks abroad by:											
UK non-bank private sector	311	527	693	472	1 043	985	73	-2 177	2 598	3 743	1 654
Public corporations	941	182	246	-15	-178	-35	-35	-47	64	-30	-166
General government	166	-7	46	-40	-192	57	77	48	87	100	100
Official reserves (additions to -, drawings on +)	-9 588	2 329	-1 059	-291	2 419	1 421	607	908	-1 758	-2 891	-12 012
Other external assets of:											
UK non-bank private sector and public corporations	-138	-459	-1 185	-208	-1 021	128	-153	1 285	521	1 893	672
General government	-389	-181	-137	351	93	-161	-478	-743	-730	-510	-797
Other external liabilities of:											
UK non-bank private sector and public corporations	461	472	605	301	224	119	-55	518	728	602	1 497
General government	959	-698	-263	-554	-14	350	-661	-88	-64	+78	1 423
Net transactions in assets and liabilities	-3 892	-2 871	-743	-3 872	-7 395	-2 328	-4 310	-7 664	-9 074	-14 200	-1 039
Allocation of special drawing rights	-	-	195	180	158	-	-	-	-	-	-
Balancing item	4 042	1 907	1 044	570	301	-2 357	478	5 642	5 737	14 379	3 543

1 Assets: increase - /decrease +. Liabilities: increase + /decrease -.

2 See notes on page 229.

Source Central Statistical Office

13.2 Current account

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Credits											
Exports (fob)	31 682	34 981	40 470	47 147	50 688	55 330	60 698	70 263	77 988	72 678	79 422
Services:											
General government	241	254	265	315	401	404	470	474	481	507	509
Private sector and public corporations											
Sea transport	3 433	3 149	3 804	3 816	3 784	3 267	3 054	3 253	3 271	3 230	3 341
Civil aviation	1 203	1 455	1 755	2 210	2 359	2 471	2 665	2 931	3 078	2 786	3 270
Travel	2 352	2 507	2 797	2 961	2 970	3 188	4 003	4 614	5 442	5 553	6 237
Financial and other services	4 396	5 136	5 813	6 477	7 512	8 355	9 651	10 814	12 522	13 730	14 727
Interest, profits and dividends											
General government	385	692	816	946	971	979	764	817	735	764	932
Private sector and public corporations	8 431	10 489	16 689	22 744	36 558	43 417	41 707	50 882	51 574	46 873	47 157
Transfers											
General government	298	439	550	958	1 675	2 154	2 235	2 392	1 870	2 138	2 271
Private sector	614	774	850	935	1 117	1 248	1 448	1 588	1 689	1 668	1 566
Total invisibles	21 351	24 895	33 339	41 562	57 347	65 483	65 997	77 765	80 662	77 249	80 010
Total credits	53 033	59 876	73 809	88 509	108 035	120 813	126 695	148 028	158 650	149 927	159 432
Debits											
Imports (fob)	34 006	36 574	43 868	45 794	47 318	53 112	61 773	74 843	80 334	81 374	89 584
Services:											
General government	940	986	1 073	1 165	1 264	1 754	1 522	1 655	1 780	1 907	2 117
Private sector and public corporations											
Sea transport	3 345	3 162	3 677	3 675	3 944	3 891	4 205	4 357	4 435	4 296	4 465
Civil aviation	984	1 173	1 462	1 839	1 966	2 172	2 345	2 694	2 925	3 200	3 764
Travel	1 186	1 549	2 109	2 738	3 272	3 640	4 090	4 663	4 871	6 083	7 255
Financial and other services	2 131	2 089	2 206	2 413	2 657	3 466	3 960	4 776	4 821	4 702	4 845
Interest, profits and dividends											
General government	565	650	681	895	940	1 092	1 189	1 327	1 478	1 669	1 977
Private sector and public corporations	7 986	9 725	15 619	22 991	35 379	41 858	38 435	45 939	48 031	40 889	40 589
Transfers											
General government	1 381	2 103	2 566	2 738	3 281	3 943	4 165	4 491	5 202	4 371	5 558
Private sector	659	901	1 044	1 139	1 057	1 200	1 179	1 261	1 436	1 615	1 782
Total invisibles	19 177	22 338	30 437	39 593	53 761	63 016	61 090	71 163	74 979	68 732	72 352
Total debits	53 183	58 912	74 305	85 387	101 079	116 128	122 863	146 006	155 313	150 126	161 936
Balances											
Visible balance	-2 324	-1 593	-3 398	1 353	3 350	2 218	-1 075	-4 580	-2 346	-8 716	-10 162
Services:											
General government	-699	-732	-808	-850	-863	-1 350	-1 052	-1 181	-1 299	-1 400	-1 608
Private sector and public corporations											
Sea transport	88	-13	127	141	-160	-624	-1 151	-1 104	-1 164	-1 066	-1 124
Civil aviation	219	282	293	371	393	299	320	237	153	-414	-494
Travel	1 166	958	688	223	-302	-452	-87	-49	571	-522	-1 018
Financial and other services	2 263	3 047	3 607	4 064	4 855	4 889	5 691	6 038	7 701	9 028	9 882
Interest, profits and dividends											
General government	-180	42	135	51	31	-113	-425	-510	-743	-905	-1 045
Private sector and public corporations	445	764	1 070	-247	1 179	1 559	3 272	4 943	3 543	5 984	6 568
Transfers											
General government	-1 083	-1 664	-2 016	-1 780	-1 607	-1 789	-1 930	-2 099	-3 332	-2 233	-3 287
Private sector	-45	-127	-194	-204	60	48	269	327	253	53	-216
Invisibles balance	2 174	2 557	2 902	1 769	3 586	2 467	4 907	6 602	5 683	8 525	7 658
<i>of which: private sector and public corporations: services and interest, profits and dividends</i>	4 181	5 038	5 785	4 852	5 965	5 671	8 045	10 005	10 804	13 002	13 814
Current balance	-150	964	-496	3 122	6 936	4 685	3 832	2 022	3 337	-199	-2 504

Source: Central Statistical Office

13.3

Levels of UK external assets and liabilities

End of year

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Assets											
General government	15 703	15 263	18 180	17 975	17 190	19 214	19 554	21 267	21 630	26 366	35 669
Public corporations	588	715	775	734	660	867	947	1 234	827	926	728
Private sector	126 655	150 489	178 817	209 044	312 158	395 380	46 890	603 339	576 977	704 883	667 021
Total	142 946	166 467	197 772	227 753	329 927	415 461	486 391	625 840	599 434	732 175	703 418
Liabilities											
General government	9 651	8 385	8 634	9 256	9 596	12 180	12 615	13 650	16 207	19 710	23 684
Public corporations	4 643	4 444	4 503	4 129	3 875	4 197	4 532	4 767	3 990	4 115	3 092
Private sector	122 846	140 961	172 453	198 323	284 657	357 050	414 906	527 171	498 922	595 101	587 150
Total	137 140	153 790	185 590	211 708	298 128	373 427	432 053	545 588	519 119	618 926	613 926
Net											
General government	6 052	6 878	9 546	8 719	7 513	7 034	6 939	7 617	5 423	6 656	11 985
Public corporations	-4 055	-3 729	-3 728	-3 395	-3 215	-3 330	-3 585	-3 533	-3 163	-3 189	-2 364
Private sector	3 809	9 528	6 364	10 721	27 501	38 330	50 984	76 168	78 055	109 782	79 871
Total	5 806	12 677	12 182	16 045	31 799	42 034	54 338	80 252	80 315	113 249	89 492

Source Central Statistical Office

13.4

United Kingdom public expenditure on overseas aid

Gross aid—analysis by major components¹

	£ million											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total public expenditure on overseas aid	549.8	611.7	752.0	939.4	966.5	1 150.7	1 085.3	1 177.1	1 318.6	1 318.3	1 350.0	1 270.7
Bilateral: total	408.7	405.8	564.2	682.6	702.6	804.4	673.9	696.3	787.2	824.3	839.6	747.8
Project aid: total	131.0	137.3	188.7	270.0	288.8	425.1	308.0	325.5	399.7	359.3	391.3	256.6
Overseas Development Administration excluding ATP	105.1	101.4	155.3	189.3	219.7	323.8	194.2	236.9	239.8	238.3	249.4	163.5
Aid and Trade Provision (ATP)	—	—	1.3	36.8	24.0	33.3	62.6	32.6	51.5	42.4	78.2	29.2
Commonwealth Development Corporation	25.9	35.9	32.2	44.0	45.1	68.0	51.1	56.0	108.4	78.6	63.7	63.9
Non-project aid	134.4	124.9	202.3	202.9	160.4	130.9	121.5	106.6	113.0	151.4	119.6	131.9
Technical co-operation	127.4	126.6	153.2	185.7	223.3	216.4	211.4	231.2	239.5	277.6	292.7	319.3
Administrative costs	16.0	17.0	20.0	24.0	30.0	32.0	33.0	33.0	35.0	36.0	36.0	40.0
Multilateral: total	141.1	205.9	187.8	256.8	263.9	346.3	411.4	480.8	531.4	494.0	510.4	522.9
European Community	26.2	55.2	44.5	117.8	120.4	158.1	173.8	188.7	225.6	234.1	223.3	222.0
World Bank Group	69.4	88.9	64.5	43.9	73.4	115.5	153.7	205.5	197.4	128.1	153.7	157.3
UN Agencies	28.9	42.8	53.8	68.9	48.0	48.6	58.0	57.3	65.8	83.9	82.2	99.6
Other multilateral	16.6	18.9	25.1	26.1	22.1	24.1	25.9	29.3	42.6	47.9	51.5	43.9

¹ See introductory notes on page 229.

Source Overseas Development Administration

13.5

United Kingdom public expenditure on overseas aid

Gross bilateral aid-analysis by main recipient countries¹

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total bilateral aid	405.8	564.2	682.6	702.6	804.4	673.9	694.3	784.7	821.7	839.6	747.8
Africa: total	116.5	176.7	230.7	257.0	266.8	247.2	237.6	268.0	306.7	284.4	294.0
Botswana	5.7	5.6	8.0	11.5	10.2	7.6	13.3	16.0	8.8	12.3	11.9
Cameroon	0.5	1.0	1.1	5.2	3.5	3.1	3.1	5.6	7.5	3.7	6.8
Ethiopia	1.7	2.8	2.9	1.9	0.6	5.6	3.4	7.0	28.1	9.6	8.6
Egypt	3.6	3.7	17.8	12.2	8.1	7.5	10.6	15.4	19.1	15.7	7.9
Gambia	3.7	3.6	2.5	2.3	2.3	2.5	2.4	3.6	3.6	9.9	7.2
Ghana	2.8	4.5	11.2	15.6	7.5	7.0	6.7	3.8	11.6	19.5	20.0
Kenya	16.4	31.3	33.1	31.7	39.7	37.4	31.9	38.3	34.4	33.8	27.8
Malawi	16.5	16.0	24.9	16.5	16.0	17.0	14.6	13.0	14.0	15.0	24.9
Mauritius	1.5	1.4	2.6	2.7	2.8	1.7	1.3	1.4	2.2	5.8	8.1
Mozambique	2.9	5.8	6.4	4.6	5.4	1.9	2.4	4.2	8.4	7.4	22.8
Nigeria	7.3	9.8	5.1	4.9	4.2	4.9	5.5	5.6	6.2	5.6	5.4
St. Helena and Dependencies	2.4	3.7	3.9	3.8	4.1	5.8	6.5	7.5	9.4	9.2	12.2
Somalia	0.1	1.0	1.3	2.8	2.4	2.5	2.5	2.1	1.7	3.9	7.3
Sudan	5.0	7.1	13.9	22.6	32.7	39.4	32.2	27.4	42.3	26.0	20.2
Swaziland	10.0	8.7	8.4	6.5	4.1	6.4	5.7	5.6	3.4	6.4	3.5
Tanzania	6.7	10.4	24.1	32.1	30.0	27.3	30.4	33.0	18.0	12.7	24.0
Uganda	0.5	1.1	2.2	2.9	15.1	10.6	6.1	7.1	9.2	8.6	10.4
Zambia	12.6	33.3	29.2	20.7	24.1	14.2	15.5	32.9	25.6	35.4	24.8
Zimbabwe	2.6	3.5	5.1	36.4	17.1	21.5	19.5	15.1	23.6	12.5	12.5
Other Countries	14.7	22.4	27.0	20.1	36.9	23.3	24.1	23.5	29.7	31.4	27.9
America: total	32.9	53.4	42.4	36.5	49.0	92.2	67.9	58.4	70.3	58.0	56.8
Barbados	0.2	0.3	0.7	0.6	3.6	2.5	0.4	0.3	0.3	0.4	0.5
Belize	2.5	3.9	7.5	4.4	4.8	2.9	6.1	6.0	5.7	3.2	2.2
Brazil	1.2	0.7	1.0	1.0	0.6	10.0	5.6	7.8	4.0	0.9	0.8
Costa Rica	0.3	0.5	0.6	0.6	0.6	0.5	1.8	1.7	12.7	10.0	2.6
Ecuador	2.0	1.8	1.9	0.9	0.8	1.0	0.8	0.9	0.9	0.8	2.6
Falkland Islands	1.1	2.1	0.9	1.0	1.1	4.0	9.1	6.0	10.7	10.3	8.2
Guyana	0.9	6.4	2.6	2.4	2.5	1.7	1.6	0.4	0.4	0.5	0.6
Honduras	0.6	0.3	0.2	0.3	5.0	2.3	6.7	3.4	3.7	1.3	0.8
Jamaica	0.9	19.6	6.4	4.8	8.7	8.9	8.9	15.2	8.0	3.8	6.6
Mexico	0.8	0.8	1.2	1.6	1.5	34.3	2.8	0.5	0.8	0.8	0.6
St. Lucia	0.6	0.6	0.8	1.2	2.2	1.6	2.6	0.5	0.5	1.0	3.2
Turks and Caicos Islands	2.0	1.4	1.0	1.3	3.4	5.7	4.2	3.9	3.6	5.4	5.4
Other countries	20.2	12.7	14.6	14.4	14.2	16.8	17.3	11.6	19.1	19.7	22.7
Asia: total	168.5	218.7	292.3	264.0	317.4	182.2	244.8	306.2	255.3	315.6	215.4
Bangladesh	22.0	44.0	33.8	66.2	33.4	23.5	24.7	35.7	41.2	38.3	34.8
Burma	2.5	1.4	2.8	6.5	5.3	3.4	1.8	0.8	1.0	2.9	4.7
China	—	—	—	—	0.1	—	0.2	0.6	1.2	2.2	4.0
India	79.8	118.9	153.3	86.1	168.6	54.2	127.6	146.5	106.5	143.5	78.4
Indonesia	5.6	6.5	13.1	11.2	15.3	17.2	12.4	28.3	33.6	8.9	12.2
Jordan	3.3	3.1	13.6	4.7	7.1	3.3	2.7	6.1	2.3	5.6	4.8
Malaysia	10.1	1.5	1.6	10.5	10.1	6.4	3.9	5.0	7.5	55.5	9.4
Nepal	4.3	4.4	11.2	6.8	8.0	9.6	7.4	8.6	9.7	9.9	10.0
Pakistan	25.8	18.2	27.7	22.2	24.6	18.7	16.6	18.0	16.6	20.7	22.4
Philippines	0.2	0.2	0.8	3.2	3.3	1.2	3.7	3.8	1.8	0.2	0.3
Sri Lanka	4.0	8.3	14.1	32.9	26.3	33.3	29.5	26.2	17.3	16.0	18.7
Thailand	1.4	1.3	5.0	4.7	7.8	4.0	5.6	20.0	7.4	4.2	5.4
Yemen North (YAR)	0.9	1.3	1.8	2.7	2.5	2.8	3.8	3.1	3.1	3.8	5.2
Other countries	8.6	9.6	13.5	6.3	5.0	4.6	5.0	3.5	6.1	3.8	5.0
Europe: total	10.0	17.1	8.6	14.2	37.3	19.6	8.8	9.6	33.5	19.4	13.1
Gibraltar	2.6	1.9	3.2	4.9	4.0	1.9	2.4	8.2	22.5	14.3	9.0
Malta	3.6	3.8	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Turkey	3.3	0.6	4.3	8.0	32.1	16.9	5.4	0.4	10.3	4.6	3.0
Other countries	0.5	10.8	0.8	1.1	1.0	0.6	0.9	0.9	0.7	0.4	1.0
Oceania: total	24.2	30.4	28.6	36.3	33.0	31.6	24.7	27.3	22.2	26.1	29.2
Fiji	6.0	5.1	6.9	5.3	7.0	8.7	4.0	4.7	4.0	7.1	1.6
Kiribati and Tuvalu	3.8	4.5	3.7	7.1	6.0	7.3	7.4	6.5	4.9	3.9	9.4
Papua New Guinea	0.8	2.4	3.1	3.7	7.0	3.8	0.1	—	2.3	4.9	6.6
Solomon Islands	7.9	10.4	7.4	10.0	7.3	6.3	6.8	7.3	4.1	3.7	5.0
Vanuatu	5.1	7.6	6.7	8.7	4.6	4.3	5.9	8.1	6.0	5.4	5.5
Other countries	0.6	0.4	0.8	1.5	1.1	1.2	0.5	0.6	1.0	1.0	0.9
Unallocated: total	36.9	48.0	56.0	64.6	68.9	68.1	77.5	79.8	97.8	100.1	106.2
Administrative costs	17.0	20.0	24.0	30.0	32.0	33.0	33.0	35.0	36.0	36.0	40.0

¹ See introductory notes on page 229.

Source Overseas Development Administration

14 National Income and Expenditure

The tables which follow are taken from those in *United Kingdom National Accounts 1988 Edition*, (the *CSO Blue Book*) published by Her Majesty's Stationery Office (September 1988). Some of the figures are provisional and may have to be revised later; this applies particularly to the figures for 1986 and 1987. The 1983 and earlier editions were called *National Income and Expenditure*.

From the 1987 edition, *The Blue Book* contains a brief introduction to the UK system of national accounts outlining some of the main concepts and principles of measurement used. This shows how the aggregate figures describing the whole economy are related to one another and to figures in the sector accounts. A more detailed description of the statistics, together with a detailed description of the sources, methods and definitions used in making the estimates, is given in *United Kingdom National Accounts: Sources and Methods Third Edition* (HMSO 1985). Further information on the structure and inter-relationships of the tables in the national accounts is given in *The National Accounts—A short guide* (HMSO 1981).

In the tables in this section, analyses by industry are based, as far as possible, on the Standard Industrial Classification 1980.

The first aggregate measured in these tables is the **Gross domestic product** (GDP).

This is a concept of the value of the total economic activity taking place in UK territory. It can be viewed as incomes earned, as expenditures incurred, or as production. Adding net property income from abroad produces **Gross national product** (GNP). This is a concept of the value of all incomes earned by UK residents. **National income**, or Net national product, is GNP net of depreciation (that is, after deducting what is required to keep real capital intact).

The definitive estimate of GDP, which is recommended for assessing levels and medium and long-term changes is the average estimate, GDP(A). GDP(A) is derived using three broadly independent measures: the expenditure-based measure, GDP(E); the income-based measure, GDP(I); and the output-based measure, GDP(O). Such measures as GNP, National income, and Gross national disposable income (GNDI), can then be derived from GDP(A) as the best central estimates.

From the 1988 *CSO Blue Book*, constant price series are expressed in 1985 prices, rather than, as formerly, in 1980 prices.

Gross national product (Table 14.1). The upper half of this table shows the various money flows which generate the gross domestic product and the gross national product. These include expenditure by UK final buyers—that is, expenditure on goods and services other than for use in current production and resale—and expenditure on British exports by overseas purchasers. The sum of these two items overstates the amount of income generated in the United Kingdom by the value of imports of goods and services; this item is therefore subtracted to produce gross domestic product at market prices. Deducting taxes on expenditure and adding subsidies produces the expenditure-based measure of the gross domestic product at factor cost, which is equivalent to the sum of the incomes of the factors of production before deduction of depreciation (capital consumption).

The lower half of the table shows the contribution to the gross national product of the different factors of production. The profit items in the table—income from self-employment, trading profits of companies, trading surpluses of public corporations and of other public enterprises—are shown before any deduction for depreciation and before providing for stock appreciation. (Stock appreciation is the change in value of stocks due to the change, if any, in the prices at which stocks are valued in the reckoning of profits.) This element of stock appreciation is deducted in reckoning the total of the gross national product.

Personal income and expenditure (Table 14.2). 'Persons' are here defined as including unincorporated businesses and private non-profit-making bodies serving persons. Income is shown gross before providing for depreciation or stock appreciation. Employers' national insurance contributions (but not the surcharge) are treated as employee income taxed at source and therefore appear under both income and expenditure. Personal income also includes employers' contributions to pension funds. Personal saving before providing for

depreciation or stock appreciation is estimated as a residual and is subject to a wide margin of error.

Corporate sector appropriation account (Table 14.3). This table covers companies and public corporations. Trading profits earned in the United Kingdom are shown both before and after providing for stock appreciation but before deduction of depreciation allowances. Profits from operations outside the United Kingdom are included under income earned abroad. Dividends paid by one company to another are excluded both from dividends and from non-trading income.

Current account of general government (Table 14.4). This table is a consolidation of central government and local authorities' transactions on current account.

Summary capital account (Table 14.5). This table brings together the saving and investment of the several sectors of the economy and shows the total investment at home and overseas.

The index of output of the production industries (Table 14.6) (index of production), which accounts for 34½ per cent of the output measure of gross domestic product shown in the same table, provides a general measure of changes in the volume of industrial production in the United Kingdom. Production industries comprise Division 1, energy and water supply (coal mining, oil and gas extraction, production of other fuels and water) and Divisions 2 to 4, manufacturing. The index of production is prepared by the Central Statistical Office in collaboration with the statistics divisions of other government departments and is published monthly, approximately six weeks after the end of the month to which it relates. The indices are calculated currently with 1985 as the base year, with the volume of production in other periods expressed as a percentage of the average monthly production in 1985. Annual series for broad industry groups from 1948, and quarterly series from 1952, are published in *Economic Trends Annual Supplement* (HMSO) and for more recent periods, along with monthly data, in *Economic Trends* (HMSO). More detailed monthly index of production series are published in the *Monthly Digest of Statistics* and in *British Business* (DTT) (HMSO).

The index of production and in *British Business* (DTI) is a weighted average of 291 indicators, each representing the 'value added' by an individual industry or part of an industry as its contribution to total output of the United Kingdom. The weight given to each industry is proportional to its contribution to gross domestic product at factor cost in 1985; that is to say, the value the industry adds to its purchased materials, fuels and services. This is equal to the sum of income from employment plus profits after the deduction of stock appreciation. The weights are derived from the Annual Census of Production for that year, constrained to the aggregates shown in Table 2.1 of *United Kingdom National Accounts 1988 Edition* (HMSO). The weights shown in the table are those used in the compilation of the index from 1983 onwards. The 1985-based data were linked to the figures for earlier years on the basis of the annual figures for 1983 (see notes on rebasing below).

The gross output (that is, the total production) of an industry is the most frequently used proxy indicator for assessing change in value added, since the latter is difficult to measure in the short-term. In some cases the volume of production can be measured and such indicators make up about two-fifths of the index of production. About three-fifths of the index of production is derived from the volume of sales or deliveries or their value deflated by the relevant producer prices indices: however, adjustments for changes to stocks and work done in the industries represented by these indicators are made at a more aggregate level. A very small proportion of the index of production is derived from work done or input of labour or materials indicators. For further notes on the general method of constructing the index on the 1980 base see Industry Statistics: Occasional Paper No 18 *Series and weights used in the index of output of the production industries—1980 base* (CSO 1983), which is obtainable from the Central Statistical Office, Branch 3, Room 62/3, Great George Street, London SW1P 3AQ, price £2.50 (cheques payable to *Cabinet Office*). An updated paper, to reflect the 1985-based series and weights will be published in due course.

The index of production along with the national accounts is rebased at five-yearly intervals. Regular rebasing is required because the rate of growth in relative prices of net output of the various sectors may vary over time. In addition, the relative importance of each sector may change because of advances of technology, or variations in the pattern of demand for its goods. Index numbers for 1983 onwards were recalculated when the index was rebased onto 1985 = 100 in August 1988. The index numbers up to 1983 (on a 1980 = 100 base) were linked to the later figures by a simple rescaling of series, using the two sets of index numbers for 1983. An article describing the effect of rebasing will appear in *Economic Trends* in due course.

Industrial classification. The industrial analysis of the index of production is in conformity with the *Standard Industrial Classification Revised 1980* (HMSO) to which reference should be made for the details of the composition of each industrial group.

Market sector classification. These groupings combine the output of industries which meet broadly similar categories of demand: consumer goods, investment goods and intermediate goods (materials and fuels). Because the index of production measures the output of an industry and not of commodities, each market sector group will include some output from the other sector. The industrial composition of the market sectors on the 1980 base is set out in *Industry Statistics: Occasional Paper No 21 Supplementary analyses of series used in the index of output of the production industries 1980 base* (CSO 1983) which is obtainable from the Central Statistical Office, price £2.50 (address shown above). An updated paper, to reflect the 1985-based detail will be published in due course.

Gross domestic product by industry (Table 14.7). This table shows the contribution of each industry to the gross domestic product, measured as the sum of incomes, before providing for depreciation, arising in the industry. This is also equal to the 'value added' by the industry, that is, the excess of the value of its current output over the value of goods and services purchased from outside the industry and used in production.

Expenditure and output at constant prices (Tables 14.6 and 14.8). These tables contain two virtually independent estimates of the gross domestic product of the United Kingdom at 1985 prices. The estimates in Table 14.6 are based on the index of industrial production and other statistics relating to the volume of output; those in Table 14.8 have been derived by revaluing estimates of final expenditure on goods and services at average 1985 prices. With full and accurate information the two methods would in theory lead to the same result. In practice, because there are numerous imperfections and gaps in the data, the two methods produce different results. Table 14.6 is expressed in £ million at 1985 prices, whereas Table 14.8 is expressed in index form, taking 1985 = 100. For a general account of the methods of compiling the output index numbers, see *United Kingdom National Accounts: Sources and Methods Third Edition*. See also *Series and weights used in estimating the gross domestic product at constant factor cost, 1980 = 100*, *Industry Statistics: Occasional Paper No 20* (CSO 1984) for a list of series and weights currently used outside the production and construction industries, in compiling the index

numbers, which is obtainable from the Central Statistical Office, price £2.50 (address shown above).

Consumers' expenditure at current and constant prices (Table 14.9). Consumers' expenditure is a major component of final expenditure contributing to gross domestic product calculated by the expenditure method, at current prices (Table 14.1) and at constant prices (Table 14.8).

Consumers' expenditure consists of personal expenditure on goods and services for current use. It is now classified in two ways, first in certain commodity groups which are also available on a quarterly basis in the *Monthly Digest of Statistics* and secondly (in more detail) according to purpose. It includes the value of income-in-kind; imputed rent of owner-occupied dwellings; and final expenditure by private non-profit-making bodies serving persons. It excludes business expenditure allowed as deductions in computing income for tax purposes of both employed and self-employed persons.

It includes expenditure on durable goods, for instance motor cars, which from the point of view of the individual might more appropriately be treated as capital expenditure. The only exceptions are the purchase of land and dwellings and costs incurred in connection with the transfer of their ownership and expenditure on major improvements by occupiers, which are treated as personal capital expenditure.

The estimates of consumers' expenditure include purchases of second-hand as well as new goods, less the proceeds of sales of used goods.

Table 14.12: **National accounts aggregates**, gives two different kinds of information. The first part deals with National disposable income, which measures the total disposable income of the country's residents, that is, the command they have over resources. The second part gives volume indices at 1985 prices for the main estimates of total UK economic activity, and for the components of the expenditure-based estimate.

Value of physical increase in stocks and work in progress (Table 14.13). This table gives a broad analysis by industry, and, for manufacturing industry, by asset, of the physical increase in stocks and work in progress. For most industries, the physical increase at current prices equals the change in the book value of stocks less stock appreciation.

Gross domestic fixed capital formation (Table 14.14). Fixed capital formation comprises expenditure on the replacement of, and additions to, the stock of fixed capital assets located in the United Kingdom, including all ships and aircraft of UK ownership.

Gross capital stock (Table 14.15). The table shows estimates of the value of the reproducible capital assets (buildings, plant and machinery, vehicles, ships and aircraft) owned by various industry groups, without allowance for depreciation during the expended proportions of asset lives. The estimates are expressed at 1985 replacement cost. Leased assets are mainly included under 'distributive trades and other service industries' on the basis of ownership. A rough analysis of these assets, which still constitute only a small proportion of total gross capital stock, appears in *United Kingdom National Accounts 1988 Edition*.

14.1

National product: categories of expenditure and factor incomes

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Categories of expenditure at current market prices:											
Consumers' expenditure	86 887	100 219	118 652	137 896	153 566	168 545	184 619	197 494	215 267	236 756	258 431
General government final consumption	29 469	33 406	38 887	49 022	55 457	60 446	65 873	69 884	73 995	79 685	85 772
of which: Central government	17 824	20 148	23 405	29 993	33 884	37 006	40 661	43 165	45 976	49 089	51 689
Local authorities	11 645	13 258	15 482	19 029	21 573	23 440	25 212	26 719	28 019	30 596	34 083
Gross domestic fixed capital formation	27 036	31 060	36 925	41 561	41 304	44 824	48 615	55 025	60 283	63 797	70 767
Value of physical increase in stocks and work in progress	1 824	1 804	2 162	-2 572	-2 768	-1 188	1 465	1 561	569	572	627
Total domestic expenditure	145 216	166 489	196 626	225 907	247 559	272 627	300 572	323 964	350 114	380 810	415 597
Exports of goods and services	43 305	47 482	54 904	62 926	67 694	73 015	80 541	92 349	102 782	98 484	107 506
of which: Goods	31 682	34 981	40 470	47 147	50 668	55 330	60 698	70 263	77 988	72 678	79 422
Services	11 623	12 501	14 434	15 779	17 026	17 685	19 843	22 086	24 794	25 806	28 084
Total final expenditure	188 521	213 971	251 530	288 833	315 253	345 642	381 113	416 313	452 896	479 294	523 103
less Imports of goods and services ¹	-42 592	-45 533	-54 395	-57 624	-60 421	-68 035	-77 895	-92 988	-99 166	-101 582	-112 030
of which: Goods	-34 006	-36 574	-43 868	-45 794	-47 318	-53 112	-61 773	-74 843	-80 334	-81 394	-89 584
Services	-8 586	-8 959	-10 527	-11 830	-13 103	-14 923	-16 122	-18 145	-18 832	-20 188	-22 446
Gross domestic product (expenditure-based) ²	145 929	168 438	197 135	231 209	254 832	277 607	303 218	323 325	353 730	377 712	411 073
Statistical discrepancy (expenditure adjustment) ³	-543	-624	280	-538	-927	346	-270	775	527	1 103	3 382
Gross domestic product (average estimate) ²	145 386	167 814	197 415	230 671	253 905	277 953	302 948	324 100	354 257	378 815	414 455
Net property income from abroad	265	806	1 205	-196	1 210	1 446	2 847	4 433	2 800	5 079	5 523
Gross national product (average estimate) ⁴	145 651	168 620	198 620	230 475	255 115	279 399	305 795	328 533	357 057	383 894	419 978
Factor cost adjustment											
Taxes on expenditure	19 834	22 754	29 670	36 475	42 465	46 467	49 460	52 585	56 724	62 700	67 980
Subsidies	3 386	3 775	4 643	5 719	6 369	5 811	6 269	7 538	7 202	6 106	5 762
Factor cost adjustment (taxes less subsidies)	16 448	18 979	25 027	30 756	36 096	40 656	43 191	45 047	49 522	56 594	62 218
Factor incomes											
Income from employment	86 572	98 843	115 866	137 639	149 584	158 621	169 580	180 096	194 573	209 542	226 343
Income from self-employment ⁵	12 129	13 723	15 802	17 485	19 405	22 066	24 523	27 149	28 302	30 485	32 959
Gross trading profits of companies ^{5,6}	19 864	22 484	29 429	27 951	27 940	31 883	39 810	45 085	53 500	51 358	65 596
Gross trading surplus of public corporations ⁴	5 095	5 393	5 594	6 162	7 821	9 410	9 918	8 267	7 020	8 016	6 623
Gross trading surplus of general government enterprises ⁴	183	216	180	180	236	216	50	-92	256	105	-177
Rent	8 715	10 036	11 951	14 244	16 366	17 697	18 775	19 849	21 619	23 261	24 798
Imputed charge for consumption of non-trading capital	1 287	1 449	1 711	2 107	2 338	2 408	2 473	2 594	2 808	3 067	3 235
Total domestic income ⁵	133 845	152 144	180 533	205 768	223 690	242 301	265 129	282 948	308 078	325 834	359 377
less Stock appreciation	-5 095	-4 228	-8 837	-6 391	-5 974	-4 276	-4 204	-4 206	-2 816	-2 005	-4 858
Gross domestic product (income-based)	128 750	147 916	171 696	199 377	217 716	238 025	260 925	278 742	305 262	323 829	354 519
Statistical discrepancy (income adjustment) ³	188	919	692	539	93	-728	-1 168	311	-527	-1 608	-2 282
Gross domestic product (average estimate) at factor cost	128 938	148 835	172 388	199 915	217 809	237 297	259 757	270 053	304 735	322 221	352 237
Net property income from abroad	265	806	1 205	-196	1 210	1 446	2 847	4 433	2 800	5 079	5 523
Gross national product (average estimate) ⁴	129 203	149 641	173 593	199 719	219 019	238 743	262 604	283 486	307 535	327 300	357 760
less Capital consumption	-16 501	-19 378	-22 827	-27 952	-31 641	-33 653	-36 150	-38 686	-41 899	-45 165	-48 238
Net national product at factor cost (average estimate): "National income" ⁴	112 702	130 263	150 766	171 767	187 378	205 090	226 454	244 800	265 636	282 135	309 522
Value indices, at current prices (1985 = 100)											
Gross domestic product (expenditure-based)											
At market prices	41.3	47.6	55.7	65.4	72.0	78.5	85.7	91.4	100.0	106.8	116.2
At factor cost	42.6	49.1	56.6	65.9	71.9	77.9	85.5	91.5	100.0	105.6	114.7
Gross domestic product (income-based) at factor cost	42.2	48.5	56.2	65.3	71.3	78.0	85.5	91.3	100.0	106.1	116.1
Gross domestic product (average estimate)											
At market prices ("money GDP")	41.0	47.4	55.7	65.1	71.7	78.5	85.5	91.5	100.0	106.9	117.0
At factor cost	42.3	48.8	56.6	65.6	71.5	77.9	85.2	91.6	100.0	105.7	115.6

1 Excluding taxes on expenditure levied on imports.

2 Including taxes on expenditure levied on imports.

3 The Statistical discrepancies (expenditure adjustment and income adjustment) are each part of the Residual error.

4 Expenditure-based estimates of Gross national product and or National income can be derived as in previous issues of this publication. The derivation is shown in 'United Kingdom National Accounts' 1988 Edition Table 1.2.

5 Before providing for depreciation and stock appreciation.

6 Including financial institutions.

Source Central Statistical Office

14.2 Personal income and expenditure

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Income before tax											
Income from employment:											
Wages and salaries	73 411	84 001	98 424	116 569	125 195	133 340	142 348	151 829	164 978	178 781	194 098
Pay in cash and kind of HM Forces	1 506	1 645	2 020	2 436	2 689	2 905	3 121	3 288	3 590	3 833	4 093
Total	74 917	85 646	100 444	119 005	127 884	136 245	145 469	155 117	168 568	182 614	198 191
Employers' contributions:											
Social security	5 694	6 069	6 889	8 210	8 814	9 344	10 536	11 268	12 244	13 362	14 657
Other	5 961	7 128	8 533	10 424	12 886	13 032	13 575	13 711	13 761	13 566	13 495
Total income from employment	86 572	98 843	115 866	137 639	149 584	158 621	169 580	180 096	194 573	209 542	226 343
Income from self-employment:											
After deducting stock appreciation	11 546	13 276	15 026	16 766	18 779	21 704	23 973	26 841	27 813	30 197	32 485
Stock appreciation	583	447	776	719	626	362	550	308	489	288	474
Total¹	12 129	13 723	15 802	17 485	19 405	22 066	24 523	27 149	28 302	30 485	32 959
Rent, dividends and net interest:											
Receipts by life assurance and pension schemes	4 012	4 766	6 406	7 790	8 762	10 505	11 785	14 017	15 872	17 498	19 370
Imputed rent of owner-occupied dwellings	4 669	5 403	6 522	7 830	9 114	10 160	11 181	11 917	12 783	13 810	14 632
Other receipts, net	1 692	2 045	3 289	3 316	2 514	2 297	2 503	833	664	-41	-108
Total	10 373	12 214	16 217	18 936	20 390	22 962	25 469	26 767	29 319	31 267	33 894
Social security benefits and other current grants from general government	15 031	17 871	20 917	25 524	31 242	36 584	39 843	43 029	46 757	50 729	52 478
Current transfers from overseas	614	774	850	935	1 117	1 248	1 448	1 588	1 689	1 668	1 566
Current transfers to charities from companies	43	45	51	52	62	69	86	105	119	151	185
Imputed charge for capital consumption of private non-profit making bodies	242	267	308	368	403	409	417	432	458	485	503
Total personal income¹	125 004	143 737	170 011	200 939	222 203	241 959	261 366	279 166	301 217	324 327	347 928
Deductions from income											
UK taxes on income	18 149	19 460	21 586	25 683	28 969	31 396	33 230	34 612	37 559	40 918	44 074
Social security contributions	9 503	10 101	11 526	13 939	15 916	18 095	20 780	22 312	24 191	26 033	28 449
Current transfers abroad	659	901	1 044	1 139	1 057	1 200	1 179	1 261	1 436	1 615	1 782
Miscellaneous current transfers	136	151	134	169	177	187	222	217	229	262	317
Personal disposable income²	96 557	113 124	135 721	160 009	176 084	191 081	205 955	220 764	237 802	255 499	273 306
Expenditure											
Consumers' expenditure	86 887	100 219	118 652	137 896	153 566	168 545	184 619	197 494	215 267	236 756	258 431
Balance: saving ²	9 670	12 905	17 069	22 113	22 518	22 536	21 336	23 270	22 535	18 743	14 875
Total	96 557	113 124	135 721	160 009	176 084	191 081	205 955	220 764	237 802	255 499	273 306
Memorandum items											
Saving ratio (per cent) ³	10.0	11.4	12.6	13.8	12.8	11.8	10.4	10.5	9.5	7.3	5.4
Real personal disposable income ⁴ :											
At 1985 prices	195 606	209 894	221 673	224 885	225 254	221 709	227 931	232 426	237 802	244 797	252 185
1985 = 100	82.3	88.3	93.2	94.6	93.5	93.2	95.8	97.7	100.0	102.9	106.0

1 Before providing for depreciation and stock appreciation.

2 Before providing for depreciation, stock appreciation and additions to tax reserves.

3 Saving as a percentage of personal disposable income.

4 Personal disposable income revalued by the implied consumers' expenditure deflator (1985 = 100).

Source Central Statistical Office

14.3 Corporate sector appropriation account¹

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Income											
Income arising in the United Kingdom:											
Gross trading profits of companies and trading surplus:											
After deducting stock appreciation	20 447	24 096	26 962	28 441	30 413	37 379	46 074	49 454	58 193	57 657	67 835
Stock appreciation	4 512	3 781	8 061	5 672	5 348	3 914	3 654	3 898	2 327	1 717	4 384
Total ²	24 959	27 877	35 023	34 113	35 761	41 293	49 728	53 352	60 520	59 374	72 219
Rent and non-trading income	8 786	9 206	12 597	16 751	19 242	21 339	20 751	24 417	30 329	31 196	33 821
Total	33 745	37 083	47 620	50 864	55 003	62 632	70 479	77 769	90 849	90 570	106 040
Income from abroad ³	3 712	4 522	7 097	7 234	8 964	9 233	11 290	14 355	15 384	15 778	18 040
Total income	37 457	41 605	54 717	58 098	63 967	71 865	81 769	92 124	106 233	106 348	124 080
Allocation of income											
Dividends and interest payments ⁴	9 383	9 925	14 676	18 934	20 052	22 735	22 623	25 287	32 707	33 701	37 633
Current transfers to charities from companies	43	45	51	52	62	69	86	105	119	151	185
Profits due abroad, net of UK tax ⁵	1 997	2 229	3 992	4 769	4 695	4 659	5 258	6 264	7 398	5 105	5 509
UK taxes on income ⁵	3 273	4 098	5 063	6 664	8 659	10 569	12 118	14 171	16 498	14 171	15 173
Royalties and licence fees on oil and gas production	234	286	531	1 156	1 362	1 600	1 887	2 459	2 366	941	1 151
Balance: undistributed income after taxation ⁶	22 527	25 022	30 404	26 523	29 137	32 233	39 797	43 838	47 145	52 279	64 429
Total	37 457	41 605	54 717	58 098	63 967	71 865	81 769	92 124	106 233	106 348	124 080

1 The sum of two subsectors, namely public corporations plus companies and financial institutions. Flows between the two constituent subsectors are not netted out.

2 Before providing for depreciation and stock appreciation.

3 After deducting depreciation allowances but before providing for stock appreciation.

4 Excludes dividends and debenture interest payments by UK subsidiaries to their overseas parents.

5 From April 1973 figures reflect change to imputation tax system of corporation tax.

6 Before providing for depreciation, stock appreciation and additions to tax reserves.

Source Central Statistical Office

14.4 General government current account

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Receipts											
Taxes on income	20 490	22 623	25 238	31 001	36 249	40 392	43 484	46 791	51 603	52 158	55 601
Taxes on expenditure	19 834	22 754	29 670	36 475	42 465	46 467	49 460	52 585	56 724	62 700	67 980
Social security contributions	9 503	10 101	11 526	13 939	15 916	18 095	20 780	22 312	24 191	26 033	28 449
Gross trading surplus ¹	183	216	180	180	236	216	50	-92	256	105	-177
Rent, dividends and interest, etc	4 943	5 368	6 526	8 205	9 171	10 149	9 933	10 501	11 786	9 968	10 172
Miscellaneous current transfers	136	151	134	169	177	187	222	217	229	262	317
Imputed charge for consumption of non-trading capital	1 045	1 182	1 403	1 739	1 935	1 999	2 056	2 162	2 350	2 582	2 732
Total	56 134	62 395	74 677	91 708	106 149	117 505	125 985	134 476	147 139	153 808	165 074
Expenditure											
Final consumption	29 469	33 406	38 887	49 022	55 457	60 446	65 873	69 884	73 995	79 685	85 772
Subsidies	3 386	3 775	4 643	5 719	6 369	5 811	6 269	7 538	7 202	6 106	5 762
Social security benefits	12 977	15 417	18 122	21 813	27 002	31 677	32 434	34 483	37 620	40 830	41 826
Other current grants to personal sector	2 054	2 454	2 795	3 711	4 240	4 907	7 409	8 546	9 137	9 899	10 652
Current grants paid abroad (net)	1 083	1 664	2 016	1 780	1 607	1 789	1 930	2 099	3 332	2 233	3 287
Debt interest	6 288	7 093	8 671	10 873	12 703	13 973	14 189	15 756	17 474	17 191	17 667
Total current expenditure	55 257	63 809	75 134	92 918	107 378	118 603	128 104	138 306	148 760	155 944	164 966
Balance: current surplus ¹	877	-1 414	-457	-1 210	-1 229	-1 098	-2 119	-3 830	-1 621	-2 136	108
Total	56 134	62 395	74 677	91 708	106 149	117 505	125 985	134 476	147 139	153 808	165 074

1 Before providing for depreciation.

Source Central Statistical Office

14.5 Summary capital account¹

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Receipts											
Saving ²											
Personal sector	9 670	12 905	17 069	22 113	22 518	22 536	21 336	23 270	22 535	18 743	14 875
Industrial and commercial companies	16 110	18 162	22 089	17 722	18 575	20 148	25 978	31 601	33 233	33 873	45 691
Monetary sector	1 359	1 468	2 249	2 126	2 017	2 716	3 121	3 401	4 148	5 000	5 770
Other financial institutions	1 774	1 664	2 374	2 547	3 110	2 827	3 241	2 771	4 518	7 374	8 000
Public corporations	3 284	3 728	3 692	4 128	5 435	6 542	7 457	6 065	5 246	6 032	4 968
Central government	-915	-3 010	-1 856	-2 276	-3 751	-4 066	-4 344	-6 061	-3 580	-4 486	-1 883
Local authorities	1 792	1 596	1 399	1 066	2 522	2 968	2 225	2 231	1 959	2 350	1 991
Total saving	33 074	36 513	47 016	47 426	50 426	53 671	59 014	63 278	68 059	68 886	79 412
Capital transfers (net receipts):											
Personal sector	75	302	198	259	137	449	1 114	1 389	438	-27	-328
Industrial and commercial companies	243	356	290	345	296	402	313	194	80	-34	-363
Monetary sector	-7	-8	-10	-13	-274	-104	-6	-6	-9	-16	-26
Other financial institutions	-19	64	-35	-48	219	44	-55	-59	-109	-203	-256
Public corporations ³	418	500	412	472	532	473	602	568	634	456	662
Central government ³	-685	-1 247	-947	-1 095	-952	-1 090	-1 193	-1 135	-951	-450	-73
Local authorities	-25	33	92	80	42	-174	-775	-951	-83	274	384
Total transfers ⁴	-	-	-	-	-	-	-	-	-	-	-
Residual error ⁵	731	1 543	412	1 076	1 020	-1 074	-898	-464	-1 054	-2 711	-5 664
Total	33 805	38 056	47 428	48 502	51 446	52 597	58 116	62 814	67 005	66 175	73 748
Expenditure											
Gross domestic fixed capital formation:											
Personal sector ⁶	5 505	6 209	8 158	9 284	9 716	11 897	13 796	14 638	15 452	17 890	20 473
Industrial and commercial companies	9 753	12 051	14 038	14 893	14 716	15 292	15 890	19 565	24 762	26 062	30 773
Monetary sector	291	299	341	421	476	544	663	725	866	977	1 313
Other financial institutions ⁷	1 891	2 904	3 602	4 811	5 038	5 662	4 675	6 299	6 963	6 316	6 692
Public corporations	4 779	4 944	5 641	6 653	6 780	7 114	7 884	7 305	5 656	5 545	4 605
Central government	1 294	1 290	1 557	1 757	1 863	2 224	2 490	2 718	3 115	3 317	3 314
Local authorities	3 523	3 363	3 588	3 742	2 715	2 091	3 217	3 775	3 469	3 690	3 597
Total	27 036	31 060	36 925	41 561	41 304	44 824	48 615	55 025	60 283	63 797	70 767
Increase in book value of stocks and work in progress ⁸ :											
Personal sector	938	760	1 164	479	415	420	698	491	446	614	748
Industrial and commercial companies	5 647	4 969	9 277	2 794	2 531	1 845	4 316	5 351	2 397	2 360	5 484
Financial companies and institutions	-15	-10	-17	6	9	4	38	24	-	-	-
Public corporations	299	282	610	497	344	664	371	-379	92	-160	-135
Central government	50	31	-35	43	-93	155	246	280	450	-237	-612
Total	6 919	6 032	10 999	3 819	3 206	3 088	5 669	5 767	3 385	2 577	5 485
Net investment abroad ⁹	-150	964	-496	3 122	6 936	4 685	3 832	2 022	3 337	-199	-2 504
Total investment	33 805	38 056	47 428	48 502	51 446	52 597	58 116	62 814	67 005	66 175	73 748
Financial surplus/deficit:											
Personal sector	3 302	6 238	7 945	12 609	12 524	10 668	7 956	9 530	7 075	212	-6 674
Industrial and commercial companies	953	1 498	-936	380	1 624	3 413	6 085	6 879	6 154	5 417	9 071
Monetary sector	1 076	1 171	1 915	1 686	1 258	2 064	2 414	2 646	3 273	4 007	4 431
Other financial institutions	-136	-1 176	-1 263	-2 312	-1 709	-2 791	-1 489	-3 587	-2 554	855	1 052
Public corporations	-1 376	-998	-2 147	-2 550	-1 157	-763	-196	-293	132	1 103	1 160
Central government	-2 944	-5 578	-4 325	-5 171	-6 473	-7 535	-8 273	-10 194	-8 096	-8 016	-4 658
Local authorities	-1 756	-1 734	-2 097	-2 596	-151	703	-1 767	-2 495	-1 593	-1 066	-1 222
Total	-881	-579	-908	2 046	5 916	5 759	4 730	2 486	4 391	2 512	3 160
Net investment abroad ⁹	-150	964	-496	3 122	6 936	4 685	3 832	2 022	3 337	-199	2 504
less Residual error ⁵	-731	-1 543	-412	-1 076	-1 020	1 074	898	464	1 054	2 711	5 664

1 Figures for companies and public corporations are affected by privatisation.

2 Before providing for depreciation, stock appreciation and additions to dividend, interest and tax reserves.

3 Excluding financial transactions on writing-off debt.

4 "Total capital transfers for the domestic sectors" equals capital transfers paid abroad.

5 Residual error is the difference between the expenditure-based and the income-based measures of Gross domestic product.

6 Gross and net fixed capital formation by the personal sector excludes that by life assurance and pension funds: this is included with that of Other financial institutions—see footnote 7.

7 Gross domestic fixed capital formation by Other financial institutions, of which (See table below):

8 Equal to stock appreciation plus value of physical increase in stocks and work in progress.

9 Net investment abroad is equal, but opposite in sign, to the Overseas sector's financial surplus or deficit.

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Life assurance and pension funds	842	1 097	1 124	1 737	1 822	1 959	1 479	1 613	1 312	1 202	965
Other	1 049	1 807	2 478	3 074	3 216	3 703	3 196	4 686	5 651	5 114	5 727

Source Central Statistical Office

14.6 Gross domestic product: output-based measure by industry at constant factor cost

1985 = 100

	Weight per 1 000 ¹	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture, forestry and fishing	19	72.4	77.9	76.7	85.2	87.4	94.7	89.6	105.1	100.0	100.8	99.4
Production:												
Energy and water supply:												
Coal and coke	12	138.3	136.2	136.2	139.6	135.8	130.1	124.9	55.3	100.0	113.9	110.7
Extraction of mineral oil and natural gas	62	31.4	45.6	65.3	66.2	73.0	83.2	91.1	97.4	100.0	101.2	98.6
Mineral oil processing	4	110.6	111.4	115.5	101.6	94.5	94.2	96.7	99.6	100.0	100.9	102.2
Other energy and water supply	28	87.1	89.1	92.7	92.2	94.3	93.7	96.9	82.3	100.0	111.4	117.1
Total	106	61.7	69.8	82.4	82.5	86.4	91.5	96.7	88.7	100.0	105.3	105.0
Manufacturing:												
Metals	9	115.5	113.4	118.2	89.7	95.1	92.5	93.9	93.6	100.0	100.1	108.1
Other minerals and mineral products	12	112.4	115.3	114.3	103.0	91.7	93.7	96.7	100.5	100.0	101.3	106.8
Chemicals	24	89.8	90.8	93.3	84.4	84.4	85.0	91.3	96.5	100.0	102.2	109.3
Man-made fibres	1	171.8	184.2	176.4	128.8	109.4	87.5	100.6	105.0	100.0	103.2	110.0
Metal goods nes	13	128.9	123.9	121.9	100.6	92.8	93.3	95.7	104.3	100.0	99.3	102.5
Mechanical engineering	29	124.6	121.4	117.3	107.7	96.1	97.5	93.7	96.0	100.0	96.6	97.4
Electrical and instrument engineering	34	75.8	79.5	79.2	77.5	72.8	76.2	84.1	94.3	100.0	100.4	106.6
Motor vehicles and parts	13	145.8	138.2	134.4	116.2	96.4	93.1	97.6	95.8	100.0	97.8	105.3
Other transport equipment	13	98.1	103.3	99.8	107.9	111.7	108.8	102.5	99.8	100.0	103.8	113.0
Food	23	93.8	94.5	96.0	95.6	94.7	98.0	99.1	100.1	100.0	101.6	102.9
Drink and tobacco	8	100.6	106.8	109.0	107.7	104.0	101.4	102.3	102.7	100.0	98.9	101.2
Textiles	7	133.1	128.6	123.3	101.9	93.6	91.3	93.4	96.1	100.0	100.3	103.1
Clothing, footwear and leather	9	105.6	107.0	108.6	94.2	88.2	87.4	91.7	95.7	100.0	101.7	102.1
Paper, printing and publishing	24	103.3	105.4	109.5	101.0	95.9	92.6	93.2	98.1	100.0	103.7	113.7
All other manufacturing (including timber, furniture, rubber and plastics)	19	110.2	113.4	113.9	98.2	89.5	88.3	93.9	99.0	100.0	105.1	116.5
Total	238	105.5	106.1	106.0	96.8	91.0	91.2	93.8	97.7	100.0	100.9	106.6
Total production	344	92.7	95.3	99.0	92.5	89.6	91.3	94.7	94.9	100.0	102.3	106.1
Construction	59	87.3	93.2	93.9	88.7	81.8	88.3	93.9	98.5	100.0	100.9	108.7
Total production and construction	403	91.8	95.0	98.2	91.9	88.4	90.8	94.6	95.4	100.0	102.1	106.5
Service industries:												
Distribution, hotels and catering; repairs	134	85.8	90.8	93.4	87.7	86.3	87.9	91.7	95.8	100.0	103.9	110.2
Transport and communication:												
Transport	43	95.7	96.0	99.4	96.0	95.1	91.9	94.0	96.6	100.0	102.8	109.4
Communication	27	71.5	76.1	81.1	83.3	85.1	87.7	91.2	97.8	100.0	107.6	113.2
Total	70	86.1	89.1	92.7	91.0	91.2	90.3	93.0	97.1	100.0	104.6	110.9
Banking, finance, insurance, business services and leasing	155	62	66	70	73	75	80	87	94	100	110	121
Ownership of dwellings	59	91	92	94	94	96	97	98	99	100	101	101
Public administration, national defence and compulsory social security	71	100	100	100	101	101	100	100	101	100	99	100
Education and health services	85	91	93	95	96	97	98	100	100	100	101	103
Other services²	59	77	80	82	87	86	86	89	95	100	104	110
Adjustment for financial services	-55	58	62	67	71	74	79	85	94	100	112	124
Total services	578	84.4	87.1	89.6	89.2	89.5	90.8	93.7	97.1	100.0	103.5	108.8
Gross domestic product	1000	87.2	90.2	92.9	90.2	89.0	90.9	94.0	96.6	100.0	102.9	107.7

1 The weights are proportional to the distribution of net output in 1985 and are used to combine the indices from 1983 onwards. For the method of calculation in earlier years see paragraph 5.19 of *United Kingdom National Accounts: Sources and Methods, Third Edition*.

2 Comprising classes 92, 94, 96-99 and 00 of the Standard Industrial Classification Revised 1980.

Source Central Statistical Office

14.6

Gross domestic product: output-based measure by industry at constant factor cost

(continued)

1985 = 100

	Weight per 1 000 ¹	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Consumer goods industries:												
Cars, etc.	7	148.6	144.5	124.2	102.9	97.9	88.8	101.3	97.1	100.0	97.4	104.8
Other durables	8	112.1	115.2	111.6	95.8	89.3	88.7	92.0	96.3	100.0	104.2	109.8
Clothing and footwear, etc.	10	105.6	106.2	107.7	94.7	89.1	88.3	91.7	95.8	100.0	100.7	99.8
Food, drink and tobacco ²	29	96.0	98.2	100.1	99.2	97.5	98.7	99.7	100.9	100.0	100.8	102.7
Other	29	96.6	99.6	101.2	93.4	90.7	89.7	92.9	97.5	100.0	102.9	111.6
Total	83	102.8	104.9	104.8	96.8	93.4	92.8	95.7	98.3	100.0	101.6	106.4
Investment goods industries:												
Electrical	20	69.2	73.6	73.4	75.3	70.2	74.4	82.7	93.8	100.0	98.4	103.9
Transport	19	121.4	118.7	117.6	113.0	103.3	101.7	99.0	98.1	100.0	101.4	110.2
Other	28	121.2	118.5	115.8	106.4	96.2	96.5	93.5	95.7	100.0	97.8	99.0
Total	67	104.9	105.0	103.5	98.8	90.3	91.3	91.8	95.8	100.0	99.0	103.7
Intermediate goods industries:												
Fuels	103	60.2	68.7	82.0	82.1	86.2	91.2	96.7	88.4	100.0	105.5	105.1
Materials	91	107.7	107.4	108.7	94.4	89.2	89.5	93.6	98.5	100.0	101.8	108.6
Total	194	83.0	87.0	94.6	87.9	87.6	90.4	95.2	93.1	100.0	103.8	106.7

1 These sum to the total of 344 for the production industries.

2 This does not include certain activities classified to intermediate goods industries: materials.

Source Central Statistical Office

14.7

Gross domestic product by industry¹

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture, forestry and fishing	3 307	3 555	3 867	4 246	4 775	5 412	5 274	6 229	5 565	5 947	5 901
Energy and water supply ²	8 625	10 091	13 855	19 368	23 519	26 049	30 112	30 091	32 436	23 575	24 184
Manufacturing (revised definition)	37 972	43 620	48 832	52 954	54 498	59 165	61 725	66 424	72 688	78 222	85 552
Construction	7 840	9 136	10 563	12 053	12 837	14 116	15 643	16 896	18 101	19 380	21 524
Distribution; hotels and catering; repairs	17 057	19 993	22 841	25 654	27 247	30 223	33 174	36 300	40 907	45 673	48 963
Transport	6 955	8 076	9 117	9 554	10 244	10 724	11 629	12 436	13 233	14 483	16 227
Communication	3 259	3 684	4 082	4 762	5 648	6 530	6 654	7 367	8 142	8 886	9 688
Banking, finance, insurance, business services and leasing	15 034	17 061	21 019	24 776	27 962	32 068	36 056	40 188	47 475	55 590	63 903
Ownership of dwellings	7 516	8 598	10 307	12 147	13 895	15 044	15 944	16 734	17 963	19 170	20 180
Public administration, national defence and compulsory social security	8 964	9 947	11 441	14 522	16 247	17 376	18 815	20 184	21 598	23 068	24 895
Education and health services	11 198	12 376	14 132	17 965	20 586	21 308	23 351	24 483	25 959	28 858	31 681
Other services ²	6 867	8 031	9 214	10 674	11 990	13 330	15 029	16 492	18 017	20 223	22 366
Total	134 594	154 168	179 270	208 675	229 448	251 345	273 406	293 824	322 084	343 075	375 064
Adjustment for financial services	-5 844	-6 252	-7 574	-9 298	-11 732	-13 320	-12 481	-15 082	-16 822	-19 246	-20 545
Statistical discrepancy (income component)	188	919	692	538	93	-728	-1 168	311	-527	-1 608	-2 282
Gross domestic product (average estimate)	128 938	148 835	172 388	199 915	217 809	237 297	259 757	279 053	304 735	322 221	352 237

1 The contribution of each industry to the gross domestic product before providing for depreciation but after providing for stock appreciation.

2 Comprising classes 92, 94, 96 to 99 and 00 of the Standard Industrial Classification, Revised 1980.

Source Central Statistical Office

14.8 Gross national product by category of expenditure at 1985 prices¹

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
At 1985 market prices											
Consumers' expenditure	176 016	185 950	193 794	193 806	193 832	195 561	204 318	207 927	215 267	266 839	238 460
General government final consumption	66 326	68 466	69 943	71 050	71 269	71 826	73 282	73 974	73 995	75 379	76 042
of which: Central government	41 339	41 880	42 519	43 775	44 195	44 509	45 370	45 832	45 976	46 884	46 165
Local authorities	25 617	26 577	27 410	27 272	27 074	27 318	27 912	28 142	28 019	28 495	29 877
Gross domestic fixed capital formation	53 307	54 914	56 450	53 418	48 298	50 915	53 476	58 075	60 283	60 834	64 196
Value of physical increase in stocks and work in progress	3 193	2 882	3 325	-3 357	-3 191	-1 289	1 306	1 072	569	572	557
Total domestic expenditure	299 969	312 780	324 113	314 781	309 645	316 758	332 382	341 048	350 114	363 624	379 255
Exports of goods and services	83 987	85 554	88 789	88 963	88 205	89 000	91 092	97 066	102 782	106 637	112 542
of which: Goods	60 530	62 051	64 816	65 575	64 956	66 789	68 343	73 889	77 968	80 815	85 005
Services	23 622	23 652	24 098	23 469	23 334	22 209	22 749	23 177	24 794	25 822	27 537
Total final expenditure	383 974	398 336	412 902	403 713	397 812	405 733	423 474	438 114	452 896	470 261	491 797
less Imports of goods and services ²	-73 737	-76 582	-84 019	-81 185	-78 922	-82 847	-88 119	-96 674	-99 166	-105 602	-113 312
of which: Goods	-58 497	-61 167	-67 081	-63 455	-60 935	-64 349	-69 904	-77 871	-80 334	-85 921	-91 869
Services	-15 217	-15 378	-16 901	-17 811	-18 132	-18 617	-18 215	-18 803	-18 832	-19 681	-21 443
Gross domestic product: expenditure based ³	310 189	321 692	328 864	322 501	318 852	322 870	335 355	341 440	353 730	364 659	378 485
Statistical discrepancy (expenditure adjustment) ⁴	-1 126	-1 155	459	-744	-1 164	406	-300	815	527	1 075	3 141
Gross domestic product: average estimate ⁵	309 056	320 529	329 330	321 754	317 680	323 284	335 055	342 255	354 257	365 734	381 626
Net property income from abroad	459	1 356	1 861	-276	1 581	1 761	3 221	4 609	2 800	5 280	5 586
Gross national product (average estimate) ^{3,5}	309 401	321 901	331 204	321 511	319 275	325 058	338 276	346 864	357 057	371 014	387 212
At 1985 factor cost											
Gross domestic product at market prices (expenditure-based) ³	310 189	321 692	328 864	322 501	318 852	322 870	335 355	341 440	353 730	364 659	378 485
Statistical discrepancy (expenditure adjustment) ⁴	-1 126	-1 155	459	-744	-1 164	406	-300	815	527	1 075	3 141
Gross domestic product at market prices (average estimate)	309 056	320 529	329 330	321 754	317 680	323 284	335 055	342 255	354 257	365 734	381 626
less Factor cost adjustment ⁶	-41 076	-45 203	-46 610	-45 305	-44 246	-44 895	-46 390	-48 717	-49 522	-51 784	-54 488
Gross domestic product at factor cost (average estimate)	267 260	275 376	282 782	276 495	273 450	278 397	288 665	293 538	304 735	313 950	327 138
Net property income from abroad	459	1 356	1 861	-276	1 581	1 761	3 221	4 609	2 800	5 280	5 586
Gross national product at factor cost ⁵ (average estimate)	267 660	276 763	284 667	276 280	275 057	280 182	291 886	298 147	307 535	319 230	332 724
less Capital consumption	-32 698	-34 327	-35 200	-36 417	-37 625	-38 744	-39 872	-40 930	-41 899	-42 859	-43 650
Net national product at factor cost (average estimate): 'National income'	235 216	242 687	249 733	239 958	237 428	241 404	252 014	257 217	265 636	276 371	289 074

1 For the years before 1983, totals differ from the sum of their components.

2 Excluding taxes on expenditure levied on imports.

3 Including taxes on expenditure levied on imports.

4 The difference between the average estimate of gross domestic product and expenditure-based measure at 1985 prices.

5 Expenditure-based estimates of Gross national product and of Net national product (National Income) can be derived as in previous issues of this publication. The derivation is shown in 'United Kingdom National Accounts', 1988 Edition Table 1.6.

6 This represents taxes on expenditure less subsidies valued at constant rates.

Source Central Statistical Office

14.9 Consumers' expenditure at current prices classified by function

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Food (household expenditure): total	16 047	17 927	20 364	22 876	24 207	25 649	27 385	28 642	30 064	32 339	33 643
Bread and cereals	2 061	2 345	2 641	3 056	3 311	3 497	3 676	3 855	4 069	4 512	4 750
Meat and bacon	4 390	5 043	5 789	6 471	6 715	7 215	7 400	7 495	7 849	8 175	8 388
Fish	485	550	624	731	768	806	913	938	1 049	1 193	1 224
Milk, cheese and eggs	2 386	2 662	3 016	3 423	3 658	3 874	4 003	4 114	4 251	4 427	4 555
Oils and fats	718	793	875	920	933	941	958	1 000	1 037	1 020	946
Fruit	905	1 001	1 076	1 273	1 318	1 362	1 571	1 599	1 708	1 983	2 083
Potatoes	681	569	745	789	904	1 059	1 153	1 356	1 247	1 351	1 572
Vegetables	1 153	1 216	1 432	1 621	1 747	1 786	2 047	2 140	2 316	2 591	2 721
Sugar	253	269	293	322	350	357	371	356	327	319	316
Preserves and confectionery	1 351	1 577	1 764	1 959	2 135	2 313	2 448	2 666	2 892	3 039	3 153
Coffee, tea and cocoa	637	704	701	746	725	739	890	1 056	1 146	1 202	1 152
Soft drinks	524	603	758	856	843	856	1 006	1 051	1 193	1 379	1 561
Other manufactured food	503	595	650	709	800	844	949	1 016	980	1 148	1 222
Alcoholic drink: total	6 545	7 283	8 665	9 955	11 152	12 003	13 270	14 316	15 651	16 350	17 309
Beer	3 649	3 974	4 571	5 320	5 971	6 450	7 138	7 734	8 416	8 849	9 206
Spirits	1 769	1 999	2 454	2 720	2 908	3 003	3 265	3 471	3 831	3 946	4 202
Wine, cider and perry	1 127	1 310	1 640	1 915	2 273	2 550	2 867	3 111	3 404	3 555	3 901
Tobacco	3 628	3 885	4 234	4 821	5 515	5 881	6 209	6 622	7 006	7 471	7 653
Clothing and footwear: total	6 630	7 830	9 170	9 875	10 157	10 925	12 108	13 252	14 812	16 337	17 788
Clothing other than footwear	5 520	6 482	7 549	8 113	8 313	8 857	9 819	10 734	12 047	13 366	14 608
Footwear	1 110	1 348	1 621	1 762	1 844	2 068	2 289	2 518	2 765	2 971	3 180
Housing: total	11 596	13 159	15 574	18 825	22 580	25 923	27 750	29 582	32 137	35 602	38 862
Rents, rates and water charges	9 978	11 358	13 353	16 048	19 445	22 423	23 715	25 012	26 922	29 324	31 446
Maintenance, etc. by occupiers	1 618	1 801	2 221	2 777	3 135	3 500	4 035	4 570	5 215	6 278	7 416
Fuel and power: total	4 219	4 613	5 292	6 355	7 727	8 696	9 399	9 575	10 657	11 148	11 082
Electricity	2 159	2 396	2 703	3 370	3 973	4 264	4 450	4 551	4 860	5 196	5 068
Gas	1 204	1 359	1 567	1 852	2 458	3 063	3 530	3 671	4 046	4 372	4 466
Coal and coke	518	521	617	677	789	829	840	765	1 033	898	820
Other	338	337	405	456	507	540	579	588	718	682	728
Household goods and services: total	6 340	7 533	8 971	9 883	10 522	11 104	12 153	12 991	14 247	15 550	16 763
Furniture and floor coverings	2 250	2 609	3 248	3 394	3 488	3 615	3 882	4 019	4 198	4 409	4 707
Major appliances	1 168	1 436	1 794	2 001	2 128	2 356	2 775	2 996	3 271	3 661	3 832
Other household goods	2 083	2 525	2 822	3 115	3 356	3 495	3 712	4 011	4 554	5 107	5 721
Household and domestic services	839	963	1 107	1 373	1 550	1 638	1 784	1 965	2 224	2 373	2 503
Transport and communication: total	12 714	15 430	19 364	22 699	25 274	27 791	31 409	32 672	35 690	38 450	43 377
Cars, motorcycles and other vehicles	3 199	4 811	6 493	6 510	6 557	7 407	9 113	9 011	9 992	11 664	14 303
Petrol and oil	2 676	2 610	3 554	4 646	5 695	6 331	6 913	7 450	7 972	7 327	7 717
Vehicle excise duty	530	590	601	726	840	1 022	1 184	1 289	1 482	1 566	1 640
Other running costs of vehicles	2 261	2 730	3 193	3 797	4 195	4 439	4 830	4 910	5 348	5 897	6 343
Rail travel	658	773	884	1 063	1 123	1 093	1 287	1 348	1 474	1 619	1 770
Buses and coaches	1 049	1 154	1 282	1 492	1 572	1 697	1 789	1 833	1 971	1 941	2 014
Air travel	702	844	1 097	1 491	1 686	1 903	2 041	2 197	2 277	2 585	2 997
Other travel	395	448	572	727	814	798	939	1 041	1 185	1 333	1 575
Communications	1 244	1 470	1 688	2 247	2 792	3 101	3 313	3 593	3 989	4 518	5 018
Recreation, entertainment and education: total	8 073	9 394	11 028	12 886	14 199	15 564	16 721	18 059	19 834	21 819	23 682
Radio, television and other durable goods	1 137	1 312	1 552	1 590	1 769	2 061	2 478	2 753	2 909	3 137	3 158
TV and video rental, licence fees, etc.	1 054	1 183	1 351	1 578	1 692	1 951	2 033	2 112	2 283	2 466	2 545
Recreational goods not elsewhere specified	2 120	2 587	3 193	3 744	3 782	4 110	4 442	4 873	5 484	6 196	7 072
Recreational and entertainment services	1 871	2 224	2 574	3 049	3 404	3 537	3 749	4 054	4 477	4 986	5 416
Books, newspapers and magazines	1 241	1 305	1 475	1 790	2 215	2 463	2 587	2 761	3 055	3 252	3 529
Education	650	783	883	1 135	1 337	1 442	1 432	1 506	1 626	1 782	1 962
Other goods and services: total	10 826	12 508	14 893	17 734	19 367	21 634	24 860	28 167	31 626	36 431	41 837
Pharmaceutical products and medical goods	349	403	502	615	689	787	930	1 116	1 200	1 247	1 307
NHS payments and other medical expenses	383	430	509	676	857	1 055	1 214	1 236	1 414	1 589	1 890
Toilet articles; perfumery	894	1 006	1 209	1 387	1 567	1 803	1 981	2 254	2 626	2 959	3 290
Hairdressing and beauty care	487	557	668	793	860	910	1 022	1 129	1 310	1 440	1 551
Jewellery, etc. and other goods	1 396	1 711	2 077	2 356	2 394	2 627	2 892	3 215	3 491	3 800	4 266
Catering (meals and accommodation)	5 107	5 840	6 874	8 288	8 820	9 461	10 936	12 501	13 860	15 929	18 066
Life assurance, etc. costs and other services	2 210	2 561	3 054	3 619	4 180	4 991	5 885	6 716	7 725	9 467	11 467
Total household and tourist expenditure in the United Kingdom less Expenditure by foreign tourists, etc. in the United Kingdom	86 618	99 562	117 555	135 909	150 700	165 170	181 264	193 878	211 724	231 497	251 996
Household expenditure abroad	-2 712	-2 891	-3 207	-3 436	-3 513	-3 792	-4 661	-5 344	-6 282	-6 460	-7 194
	1 219	1 592	2 079	2 648	3 131	3 483	3 855	4 275	4 540	5 651	6 668
Total household expenditure on goods and services	85 125	98 263	116 427	135 121	150 318	164 861	180 458	192 809	209 982	230 688	251 470
Final expenditure by private non-profit-making bodies	1 762	1 956	2 225	2 775	3 248	3 684	4 161	4 685	5 285	6 068	6 961
Total consumers' expenditure	86 887	100 219	118 652	137 896	153 566	168 545	184 619	197 494	215 267	236 756	258 431

Source Central Statistical Office

14.9

Consumers' expenditure at 1985 prices classified by function¹

(continued)

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Food (household expenditure): total	28 545	29 350	29 863	29 840	29 628	29 534	30 144	29 662	30 064	31 047	31 145
Bread and cereals	3 921	3 922	3 949	3 950	3 989	4 014	4 059	4 057	4 069	4 280	4 363
Meat and bacon	8 010	8 214	8 481	8 476	8 219	8 157	8 038	7 731	7 849	7 939	7 894
Fish	851	869	895	980	1 005	1 007	1 051	1 028	1 049	1 130	1 070
Milk, cheese and eggs	4 520	4 571	4 519	4 446	4 339	4 290	4 365	4 313	4 251	4 301	4 240
Oils and fats	1 175	1 205	1 180	1 167	1 133	1 093	1 084	1 035	1 037	1 039	997
Fruit	1 582	1 643	1 708	1 822	1 786	1 697	1 805	1 730	1 708	1 868	1 907
Potatoes	823	914	949	962	1 003	1 027	1 077	1 110	1 247	1 203	1 297
Vegetables	1 948	2 066	2 096	2 174	2 225	2 170	2 255	2 225	2 316	2 528	2 467
Sugar	464	460	443	430	426	397	383	356	327	314	293
Preserves and confectionery	2 555	2 645	2 591	2 471	2 564	2 700	2 753	2 845	2 892	2 848	2 878
Coffee, tea and cocoa	1 084	1 132	1 195	1 215	1 196	1 193	1 244	1 170	1 146	1 176	1 135
Soft drinks	814	860	968	948	903	934	1 079	1 108	1 193	1 374	1 524
Other manufactured food	856	865	900	844	876	873	951	954	980	1 047	1 080
Alcoholic drink: total	14 681	15 372	16 068	15 406	14 876	14 502	15 059	15 363	15 651	15 699	16 065
Beer	9 360	9 499	9 568	9 109	8 561	8 261	8 412	8 447	8 416	8 467	8 485
Spirits	3 502	3 774	4 168	3 923	3 693	3 503	3 597	3 641	3 831	3 814	3 919
Wine, cider and perry	2 125	2 320	2 500	2 515	2 692	2 780	3 050	3 275	3 404	3 478	3 661
Tobacco	8 406	9 101	9 059	8 806	8 166	7 541	7 456	7 201	7 006	6 813	6 763
Clothing and footwear: total	10 278	11 238	12 038	11 901	11 794	12 226	13 057	13 854	14 812	15 899	17 026
Clothing other than footwear	8 244	8 988	9 644	9 608	9 593	9 868	10 545	11 202	12 047	13 035	14 035
Footwear	2 035	2 258	2 402	2 293	2 195	2 358	2 512	2 652	2 765	2 864	2 991
Housing: total	27 346	27 890	28 625	29 206	29 562	30 033	30 762	31 401	32 137	33 250	34 547
Rents, rates and water charges	23 960	24 404	24 873	25 244	25 540	25 942	26 276	26 590	26 922	27 269	27 633
Maintenance, etc. by occupiers	3 438	3 537	3 791	3 988	4 048	4 117	4 486	4 811	5 215	5 981	6 914
Fuel and power: total	10 033	10 214	10 717	10 281	10 246	10 046	10 059	9 958	10 657	10 933	10 921
Electricity	4 672	4 712	4 887	4 809	4 728	4 618	4 628	4 681	4 860	5 082	4 978
Gas	2 855	3 102	3 464	3 534	3 704	3 712	3 788	3 817	4 046	4 276	4 403
Coal and coke	1 352	1 237	1 248	1 058	1 042	1 023	980	809	1 033	872	792
Other	1 104	1 088	1 069	836	754	685	663	651	718	703	748
Household goods and services: total	11 433	12 248	12 887	12 395	12 391	12 528	13 209	13 579	14 247	15 075	15 817
Furniture and floor coverings	3 821	4 022	4 454	4 110	4 031	4 051	4 220	4 157	4 198	4 251	4 445
Major appliances	1 859	2 076	2 347	2 329	2 341	2 501	2 859	3 070	3 271	3 648	3 728
Other household goods	3 918	4 284	4 198	3 992	4 039	4 030	4 121	4 257	4 554	4 924	5 388
Household and domestic services	1 916	1 926	1 907	2 003	2 028	1 972	2 009	2 095	2 224	2 252	2 256
Transport and communication: total	26 054	28 404	30 284	30 282	30 645	31 100	34 153	34 249	35 690	37 944	40 740
Cars, motorcycles and other vehicles	5 708	7 113	8 054	7 623	7 754	8 005	10 097	9 506	9 932	10 774	11 880
Petrol and oil	6 534	6 734	6 823	7 005	7 096	7 369	7 517	7 838	7 972	8 427	8 731
Vehicle excise duty	1 076	1 130	1 151	1 226	1 190	1 274	1 367	1 409	1 482	1 525	1 589
Other running costs of vehicles	4 615	4 858	4 914	4 939	5 047	5 060	5 162	5 035	5 348	5 655	5 798
Rail travel	1 324	1 387	1 411	1 375	1 344	1 257	1 402	1 451	1 474	1 539	1 603
Buses and coaches	2 549	2 385	2 352	2 166	2 020	1 935	1 925	1 918	1 971	1 815	1 820
Air travel	1 192	1 333	1 587	1 814	1 966	2 041	2 008	2 183	2 277	2 613	3 161
Other travel	874	902	972	1 053	1 063	981	1 063	1 108	1 185	1 286	1 485
Communications	2 585	2 856	3 212	3 354	3 400	3 410	3 612	3 801	3 989	4 310	4 673
Recreation, entertainment and education: total	15 142	15 986	16 729	17 141	17 248	17 564	18 260	18 951	19 834	21 102	22 304
Radio, television and other durable goods	1 160	1 281	1 476	1 485	1 668	1 975	2 403	2 709	2 909	3 343	3 468
TV and video rental, licence fees, etc.	1 715	1 795	1 878	1 905	1 993	2 069	2 189	2 281	2 283	2 427	2 505
Recreational goods not elsewhere specified	3 716	4 045	4 404	4 615	4 422	4 633	4 822	5 058	5 484	5 962	6 676
Recreational and entertainment services	4 541	4 741	4 676	4 720	4 445	4 224	4 184	4 279	4 477	4 605	4 799
Books, newspapers and magazines	3 308	3 132	3 183	3 213	3 352	3 190	3 060	3 037	3 055	3 101	3 146
Education	1 511	1 680	1 682	1 778	1 883	1 740	1 602	1 587	1 626	1 664	1 710
Other goods and services: total	25 672	26 500	26 859	26 448	26 169	26 858	28 533	30 147	31 626	34 292	37 332
Pharmaceutical products and medical goods	774	830	884	931	918	955	1 030	1 165	1 200	1 187	1 188
NHS payments and other medical expenses	862	884	915	992	1 103	1 237	1 334	1 297	1 414	1 528	1 729
Toilet articles; perfumery	1 831	1 910	2 018	1 954	2 054	2 176	2 272	2 449	2 626	2 821	3 045
Hairdressing and beauty care	1 212	1 210	1 221	1 206	1 169	1 120	1 172	1 211	1 310	1 353	1 369
Jewellery, etc. and other goods	3 634	3 907	3 786	3 221	3 213	3 424	3 340	3 511	3 491	3 644	4 005
Catering (meals and accommodation)	12 737	12 763	12 826	12 904	12 261	12 002	12 723	13 299	13 860	14 889	15 882
Life assurance, etc. costs and other services	4 672	4 993	5 213	5 305	5 475	5 938	6 662	7 215	7 725	8 870	10 114
Total household and tourist expenditure in the United Kingdom	176 347	185 347	192 354	191 013	190 205	191 660	200 692	204 365	211 724	222 054	232 660
less Expenditure by foreign tourists, etc. in the United Kingdom	-6 252	-5 866	-5 664	-5 134	-4 646	-4 602	-5 323	-5 730	-6 282	-6 059	-6 361
Household expenditure abroad	2 066	2 562	3 225	4 038	4 277	4 267	4 344	4 354	4 540	5 064	5 808
Total household expenditure on goods and services	172 357	182 211	190 022	189 928	189 799	192 692	199 713	202 989	209 982	221 059	232 107
Final expenditure by private non-profit-making bodies	3 524	3 740	3 776	3 881	4 034	4 273	4 605	4 938	5 285	5 780	6 353
Total consumers' expenditure	176 016	185 950	193 794	193 806	193 832	195 561	204 318	207 927	215 267	226 839	238 460

¹ For the years before 1983, totals differ from the sum of their components due to the method of rebasing used. See notes on page 113 of *United Kingdom National Accounts 1986 Edition*. (HMSO)

Source: Central Statistical Office

14.10

Consumers' expenditure at current prices classified by commodity

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Durable goods:											
Cars, motorcycles and other vehicles	3 199	4 811	6 493	6 510	6 557	7 407	9 113	9 011	9 992	11 664	14 303
Furniture and floor coverings	2 250	2 609	3 248	3 394	3 488	3 615	3 882	4 019	4 198	4 409	4 707
Other durable goods	2 305	2 748	3 346	3 591	3 897	4 417	5 253	5 749	6 180	6 798	6 990
Total	7 754	10 168	13 087	13 495	13 942	15 439	18 248	18 779	20 370	22 871	26 000
Other goods:											
Food (household expenditure)	16 047	17 927	20 364	22 876	24 207	25 649	27 385	28 642	30 064	32 339	33 643
Beer	3 649	3 974	4 571	5 320	5 971	6 450	7 138	7 734	8 416	8 849	9 206
Other alcoholic drink	2 896	3 309	4 094	4 635	5 181	5 553	6 132	6 582	7 235	7 501	8 103
Tobacco	3 628	3 885	4 234	4 821	5 515	5 881	6 209	6 622	7 006	7 471	7 653
Clothing other than footwear	5 520	6 482	7 549	8 113	8 313	8 857	9 819	10 734	12 047	13 366	14 608
Footwear	1 110	1 348	1 621	1 762	1 844	2 068	2 289	2 518	2 765	2 971	3 180
Energy products	6 895	7 223	8 846	11 001	13 422	15 027	16 312	17 025	18 629	18 475	18 799
Other goods	8 946	10 610	12 583	14 600	15 801	17 211	18 774	20 716	23 233	25 825	28 900
Services:											
Rents, rates and water charges	9 978	11 358	13 353	16 048	19 445	22 423	23 715	25 012	26 922	29 324	31 446
Other services ¹	20 464	23 935	28 350	35 225	39 925	43 987	48 598	53 130	58 580	67 764	76 893
Total consumers' expenditure	86 887	100 219	118 652	137 896	153 566	168 545	184 619	197 494	215 267	236 756	258 431

¹ Including the adjustments for international travel, etc. and final expenditure by private non-profit-making bodies serving persons.

Source Central Statistical Office

14.11

Consumers' expenditure at 1985 prices classified by commodity¹

£ million at 1985 prices

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Durable goods:											
Cars, motorcycles and other vehicles	5 708	7 113	8 054	7 623	7 754	8 005	10 097	9 506	9 992	10 774	11 880
Furniture and floor coverings	3 821	4 022	4 454	4 110	4 031	4 051	4 220	4 157	4 198	4 251	4 445
Other durable goods	2 973	3 302	3 763	3 757	3 973	4 460	5 262	5 779	6 180	6 991	7 196
Total	12 525	14 338	16 171	15 417	15 707	16 504	19 579	19 442	20 370	22 016	23 521
Other goods:											
Food (household expenditure)	28 545	29 350	29 863	29 840	29 628	29 534	30 144	29 662	30 064	31 047	31 145
Beer	9 360	9 499	9 568	9 109	8 561	8 261	8 412	8 447	8 416	8 407	8 485
Other alcoholic drink	5 582	6 051	6 614	6 395	6 364	6 272	6 647	6 916	7 235	7 292	7 580
Tobacco	8 406	9 101	9 059	8 806	8 166	7 541	7 456	7 201	7 006	6 813	6 763
Clothing other than footwear	8 244	8 988	9 644	9 608	9 593	9 868	10 545	11 202	12 047	13 035	14 035
Footwear	2 035	2 258	2 402	2 293	2 195	2 358	2 512	2 652	2 765	2 864	2 991
Energy products	16 521	16 912	17 491	17 259	17 320	17 410	17 576	17 796	18 629	19 360	19 652
Other goods	18 707	19 995	20 525	20 041	20 131	20 573	21 112	22 102	23 233	24 755	26 894
Services:											
Rents, rates and water charges	23 960	24 404	24 873	25 244	25 540	25 942	26 276	26 590	26 922	27 269	27 633
Other services ²	44 258	46 733	48 826	51 197	51 802	52 083	54 059	55 917	58 580	63 981	69 761
Total consumers' expenditure	176 016	185 950	193 794	193 806	193 832	195 561	204 318	207 927	215 267	226 839	238 460

¹ For the years before 1983, totals differ from the sum of their components; see notes on page 236.

² Including the adjustments for international travel, etc. and final expenditure by private non-profit-making bodies serving persons.

Source Central Statistical Office

14.12

National accounts aggregates: national disposable income and volume indices

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
National disposable income											
(£ million): Average estimates											
Gross national disposable income at current market prices	144 523	166 829	196 410	228 491	253 568	277 658	304 134	326 761	353 978	381 714	416 475
Real national disposable income at 1985 market prices	298 378	313 266	323 867	318 430	317 479	322 859	336 417	343 965	353 978	364 492	379 863
Volume indices at 1985 prices (1985 = 100)											
Average estimates											
At market prices											
Gross domestic product	87.2	90.5	93.0	90.8	89.7	91.3	94.6	96.6	100.0	103.2	107.7
Gross national product	86.7	90.2	92.8	90.0	89.4	91.0	94.7	97.1	100.0	103.9	108.4
Gross national disposable income ('RNDI')	84.3	88.5	91.5	90.0	89.7	91.2	95.0	97.2	100.0	103.0	107.3
At factor cost											
Gross domestic product	87.7	90.4	92.8	90.7	89.7	91.4	94.7	96.3	100.0	103.0	107.4
Gross national product	87.0	90.0	92.6	89.8	89.4	91.1	94.9	96.9	100.0	103.8	108.2
Net national product ('National income')	88.5	91.4	94.0	90.3	89.4	90.9	94.9	96.8	100.0	104.0	108.8
Categories of expenditure:											
At market prices											
Consumers' expenditure	81.8	86.4	90.0	90.0	90.0	90.8	94.9	96.6	100.0	105.4	110.8
General government final consumption	90.4	92.5	94.5	96.0	96.3	97.1	99.0	100.0	100.0	101.9	102.8
of which: Central government	89.9	91.1	92.5	95.2	96.1	96.8	98.7	99.7	100.0	102.0	100.4
Local authorities	91.4	94.9	97.8	97.3	96.6	97.5	99.6	100.4	100.0	101.7	106.6
Gross domestic fixed capital formation	88.4	91.1	93.6	88.6	80.1	84.5	88.7	96.3	100.0	100.9	106.5
Total domestic expenditure	85.7	89.3	92.6	89.9	88.4	90.5	94.9	97.4	100.0	103.9	108.3
Exports of goods and services	81.7	83.2	86.4	86.6	85.8	86.6	88.6	94.4	100.0	103.8	109.5
of which: Goods	77.6	79.6	83.1	84.1	83.3	85.6	87.6	94.7	100.0	103.6	109.0
Services	95.3	95.4	97.2	94.7	94.1	89.6	91.8	93.5	100.0	104.1	111.1
Total final expenditure	84.8	88.0	91.2	89.1	87.8	89.6	93.5	96.7	100.0	103.8	108.6
Imports of goods and services	74.4	77.2	84.7	81.9	79.6	83.5	88.9	97.5	100.0	106.5	114.3
of which: Goods	72.8	76.1	83.5	79.0	75.9	80.1	87.0	96.9	100.0	107.0	114.4
Services	80.8	81.7	89.7	94.6	96.3	98.9	96.7	99.8	100.0	104.5	113.9
Gross domestic product (expenditure-based) at market prices	87.7	90.9	93.0	91.2	90.1	91.3	94.8	96.5	100.0	103.1	107.0
Factor cost adjustment	82.9	91.3	94.1	91.5	89.3	90.7	93.7	98.4	100.0	104.6	110.0
Expenditure-based measure											
Gross domestic product at factor cost	88.2	90.9	92.8	91.1	90.3	91.4	95.0	96.2	100.0	102.8	106.5
Income-based measure¹											
Gross domestic product at factor cost	87.4	89.7	92.3	90.3	89.5	91.5	95.0	96.1	100.0	103.4	107.9
Output-based measure											
Gross domestic product at factor cost	87.2	90.2	92.9	90.2	89.0	90.9	94.0	96.6	100.0	102.9	107.7

¹ Income data deflated by the implied GDP deflator at factor cost, based on expenditure data.

Source Central Statistical Office

14.13 Value of physical increase in stocks and work in progress

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
At current prices											
Energy and water supply	-247	29	-29	212	-446	-15	+199	-371	-14	-279	-114
Manufacturing ¹	992	348	228	-2 321	-1 565	-1 291	129	1 010	-466	-419	-414
Materials and fuels	266	137	16	-1 251	-1 033	-543	-259	323	138	-116	49
Work in progress	306	124	-260	-714	-42	-561	386	352	-676	-127	-257
Finished goods	420	87	472	-357	-491	-187	1	335	72	-176	-206
Retail distribution	281	660	774	-467	-20	9	144	511	381	955	669
Wholesale distribution	676	671	1 162	-409	-607	14	267	0	-122	351	495
Other industries	122	96	27	413	-130	95	726	411	790	-36	-9
Total	1 824	1 804	2 162	-2 572	-2 768	-1 188	+1 465	1 561	569	572	627
Revalued at 1985 prices											
Energy and water supply	-701	84	-183	305	-510	67	41	-985	-14	-213	-121
Manufacturing ¹	1 763	619	357	-3 023	-1 975	-1 448	134	1 058	-466	-403	-345
Materials and fuels	471	230	21	-1 657	-1 311	-640	-293	323	138	-106	44
Work in progress	530	235	-348	-946	-66	-629	424	381	-676	-123	-205
Finished goods	749	156	651	-445	-595	-193	3	354	72	-174	-186
Retail distribution	501	1 041	1 111	-599	-18	-27	147	540	381	931	637
Wholesale distribution	1 282	1 191	2 006	-589	-751	91	274	24	-122	371	475
Other industries	-407	108	1	853	-498	49	710	435	790	-114	-89
Total	3 193	2 882	3 325	-3 357	-3 191	-1 289	1 306	1 072	569	572	557

1 Differences between totals and the sum of constituent parts of manufacturing at 1985 prices for 1983 onwards and for all current prices are due to rounding. Differences between totals and components at 1985 prices before 1983 arise from the method of rebasing these years on to 1985 prices.

Source Central Statistical Office

14.14

Gross domestic fixed capital formation At current prices

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
By type of asset											
Buses and coaches	126	157	173	175	153	132	153	126	121	124	132
Other road vehicles	2 206	2 955	3 718	3 208	2 971	3 710	3 676	4 287	4 967	5 258	6 091
Railway rolling stock	79	98	126	163	136	123	101	79	106	95	142
Ships	528	533	308	355	221	326	284	502	333	141	230
Aircraft	212	261	359	665	365	- 6	316	668	906	510	634
Plant and machinery ¹	9 707	11 446	13 539	14 958	15 067	16 296	17 935	20 320	23 744	24 680	26 978
Dwellings	5 699	6 325	7 649	8 674	8 138	8 920	10 447	11 733	11 928	13 556	15 197
Other new buildings and works	7 647	8 182	9 637	11 802	12 471	13 386	13 306	14 637	15 206	15 967	17 342
By industry group											
Agriculture, forestry and fishing ¹	786	953	959	1 023	940	1 129	1 259	1 203	981	908	710
Extraction of mineral oil and natural gas	2 108	2 151	2 056	2 399	2 892	3 021	2 901	3 151	2 819	2 576	2 046
All other energy and water supply	1 791	2 119	2 546	3 290	3 679	3 790	4 127	3 653	3 818	4 252	4 269
Manufacturing (revised definition)	4 730	5 624	6 515	6 478	5 323	5 486	5 859	7 382	8 735	8 829	9 880
Construction	407	484	586	468	440	543	597	520	531	547	569
Distribution, hotels and catering; repairs	1 907	2 329	3 040	3 239	3 223	3 579	3 776	4 514	5 181	5 755	7 108
Transport	1 888	2 188	2 383	2 426	1 896	1 721	2 100	2 755	2 784	2 544	2 833
Communication	875	965	1 142	1 456	1 465	1 491	1 685	1 857	2 300	2 572	2 836
Banking, finance, insurance, business services and leasing ²											
Leased assets	633	1 146	1 734	2 157	2 240	2 699	2 483	3 523	4 931	4 169	4 840
Other assets	1 919	2 176	2 748	3 383	4 096	4 452	4 661	5 061	5 684	6 434	7 821
Other services	3 461	3 497	4 151	5 007	5 190	6 056	6 323	7 000	7 619	8 189	8 637
Dwellings	5 699	6 325	7 649	8 674	8 138	8 920	10 447	11 733	11 928	13 556	15 197
Transfer costs of land and buildings	832	1 103	1 416	1 561	1 782	1 937	2 397	2 673	2 972	3 466	4 021
Total	27 036	31 060	36 925	41 561	41 304	44 824	48 615	55 025	60 283	63 797	70 767

Revalued at 1985 prices³

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
By type of asset											
Buses and coaches	271	281	273	238	190	155	183	125	121	117	120
Other road vehicles	4 675	5 350	6 087	4 411	3 808	4 338	4 223	4 669	4 967		5 427
Railway rolling stock, ships and aircraft	1 541	1 328	1 225	1 663	901	530	771	1 313	1 345	680	552
Plant and machinery ¹	17 124	18 313	19 736	19 660	18 269	18 478	19 401	21 262	23 744		25 599
Dwellings	12 811	12 913	13 363	12 379	10 247	10 899	12 247	12 571	11 928	12 829	13 405
Other new buildings and works	14 537	14 147	13 790	13 086	12 527	13 815	13 878	15 160	15 206	15 299	15 807
By industry group											
Agriculture, forestry and fishing ¹	1 444	1 548	1 358	1 213	1 043	1 229	1 338	1 242	981	865	650
Extraction of mineral oil and natural gas	3 959	3 681	3 010	2 860	3 196	3 283	3 086	3 259	2 891	2 480	1 926
All other energy and water supply	3 513	3 747	3 945	4 250	4 263	4 235	4 426	3 813	3 818	4 105	4 062
Manufacturing (revised definition)	9 154	9 763	10 136	8 761	6 579	6 360	6 422	7 810	8 735	8 477	9 090
Construction	764	803	875	607	537	607	659	553	531	521	509
Distribution, hotels and catering; repairs	3 666	3 993	4 547	4 093	3 760	4 019	4 153	4 802	5 181	5 430	6 332
Transport	3 622	3 747	3 618	3 149	2 234	1 973	2 309	2 884	2 784	2 379	2 516
Communication	1 713	1 693	1 749	1 916	1 749	1 670	1 877	1 975	2 300	2 472	2 621
Banking, finance, insurance, business services and leasing ²											
Leased assets	1 090	1 752	2 411	2 686	2 594	2 962	2 651	3 666	4 931	4 058	4 538
Other assets	3 111	3 247	3 573	3 741	4 229	4 589	4 839	5 226	5 684	6 230	7 149
Other services	6 587	6 024	6 091	5 950	5 557	6 448	6 696	7 299	7 619	7 922	8 112
Dwellings	12 811	12 913	13 363	12 379	10 247	10 899	12 247	12 571	11 928	12 829	13 406
Transfer costs of land and buildings	2 281	2 505	2 303	2 170	2 295	2 521	2 773	2 975	2 972	3 066	3 285
Total	53 307	54 914	56 405	53 416	48 298	50 915	53 476	58 075	60 283	60 834	64 196

¹ Including changes in the stock of breeding animals.

² Leased assets are classified, on the basis of ownership rather than use, to the finance industry.

³ For the years before 1983, totals differ from the sum of their components due to the method of rebasing used. See notes on page 127 of *United Kingdom National Accounts, 1988 Edition* (HMSO).

Source Central Statistical Office

14.15

Gross capital stock at 1985 replacement cost by industry¹
United Kingdom

£ billion at 1985 prices

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture, forestry and fishing	28.0	28.5	28.9	29.0	29.0	29.1	29.2	29.3	29.1	28.8	28.2
Extraction of mineral oil and natural gas	15.3	18.3	21.6	24.1	26.6	28.9	30.8	32.8	34.3	35.3	35.7
All other energy and water supply	138.2	139.1	140.8	141.9	143.5	145.0	146.7	147.7	148.5	149.6	150.4
Manufacturing (revised definition)	235.9	241.1	246.5	250.3	251.5	252.4	253.1	254.6	256.7	258.4	260.2
Construction	14.6	14.9	15.4	15.5	15.5	15.6	15.7	15.7	15.6	15.5	15.4
Distribution, hotels and catering; repairs	63.1	66.0	69.4	72.2	74.7	77.3	79.9	83.1	86.7	90.4	95.0
Transport	84.3	83.8	83.2	83.4	80.9	78.2	76.0	75.0	73.7	70.9	69.3
Communication	33.4	34.4	35.4	36.5	37.4	38.2	39.0	39.8	40.9	41.9	43.0
Banking, finance, insurance, business services and leasing	60.5	65.3	70.9	76.9	83.2	90.1	96.8	104.7	114.2	123.0	132.9
Other services ²	183.2	188.0	192.8	197.4	201.6	206.6	211.9	217.7	223.8	230.0	236.4
Dwellings	415.8	427.2	439.3	450.5	459.7	469.4	480.2	491.3	501.7	513.0	524.7
Total ³	1 272.4	1 307.1	1 343.7	1 377.6	1 403.6	1 430.8	1 459.4	1 491.8	1 525.2	1 556.7	1 591.4

1 For an account of the principles of valuation, see paragraphs 12.104 – 124 of *United Kingdom National Accounts, Sources and Methods, Third Edition*, (HMSO). Figures relate to end of year. Assets are classified to industry on the basis of ownership, not use.

2 Comprising clauses 91–99 of the Standard Industrial Classification Revised 1980.

3 Differences between totals and sums of components are due to rounding.

Source Central Statistical Office

15 Personal Income, Expenditure and Wealth

Family Expenditure Survey (Tables 15.3 – 15.5)

The Family Expenditure Survey, introduced in 1957, covers all types of private households in the United Kingdom. It is a continuing enquiry in which a sample of about 11 000 addresses is selected annually, from which an effective sample of some 10 400 households is obtained, of which about 70 per cent co-operate. The main purpose of the survey is to provide a source of the weighting pattern of the Index of Retail Prices and so it is primarily concerned with household expenditure on a wide range of goods and services.

The income information the survey collects is basically to enable households to be classified into income groups and although most of the income information obtained is on a current basis, income from investment, self-employment and some other sources relate to a previous twelve-month period. As income and expenditure figures relate to different periods, the difference between expenditure and income as measured in the survey should not be regarded as savings or dis-savings.

Although the survey is primarily concerned with the expenditure of private households, much additional information is collected about the characteristics of each co-operating household. Consequently the survey provides a unique fund of important economic and social data.

Like all surveys based on a sample of the population, its results are subject to sampling error, and to some bias due to non-response. The sampling error is smallest in relation to the average expenditure of large groups of households or items purchased frequently when expenditure does not vary greatly between households. Conversely, it is largest in relation to small groups of households, and for items purchased infrequently for which expenditure varies considerably between households. However, comparison of the survey results over successive years justifies confidence in their reliability.

The results of the survey are published in an annual report, the latest being *Family Expenditure Survey 1986 (Revised)* (HMSO). This includes a list of the definitions used in the survey, items on which information is collected and a brief account of the field work procedure.

15.1

Average incomes of households before and after taxes and benefits^{1, 2}
United Kingdom

£ per year

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1 adult—non-pensioner										
Original income	2 060	2 299	2 653	3 019	3 673	3 800	4 055	4 123	4 703	5 711
Disposable income	2 038	2 326	2 690	3 165	3 777	3 927	4 255	4 419	4 903	5 770
Income after all taxes and benefits	1 830	2 129	2 398	2 843	3 293	3 390	3 730	3 880	4 196	4 886
1 adult—pensioner³										
Original income	48	50	56	70	104	109	98	109	138	203
Disposable income	1 132	1 287	1 447	1 723	2 081	2 308	2 454	2 582	2 750	2 824
Income after all taxes and benefits	1 374	1 552	1 772	2 121	2 461	2 662	2 860	3 083	3 257	3 281
2 adults—non-pensioner										
Original income	4 196	4 869	5 519	6 876	7 747	7 821	8 707	8 735	10 040	11 482
Disposable income	3 698	4 375	5 078	6 261	7 026	7 235	8 003	8 255	9 327	10 523
Income after all taxes and benefits	3 246	3 875	4 360	5 374	6 014	6 139	6 787	6 936	7 884	8 818
2 adults—pensioner³										
Original income	123	124	163	194	224	234	304	270	295	396
Disposable income	1 736	1 991	2 258	2 687	3 160	3 447	3 870	3 981	4 214	4 439
Income after all taxes and benefits	2 029	2 320	2 629	3 170	3 649	3 857	4 284	4 466	4 791	4 819
2 adults, 1 child										
Original income	4 627	5 223	5 874	7 327	8 260	9 062	9 353	9 316	10 505	12 165
Disposable income	3 865	4 499	5 203	6 411	7 167	7 923	8 322	8 570	9 512	10 932
Income after all taxes and benefits	3 626	4 239	4 776	5 840	6 579	7 159	7 616	7 893	8 676	9 995
2 adults, 2 children										
Original income	4 887	5 761	6 795	8 094	8 459	9 115	10 198	10 936	11 166	12 766
Disposable income	4 105	4 942	5 978	7 033	7 466	8 028	9 026	9 723	10 561	11 493
Income after all taxes and benefits	4 170	5 006	5 876	6 991	7 528	7 938	8 819	9 488	10 415	11 223
2 adults, 3 children										
Original income	5 378	5 230	6 337	7 773	8 086	8 500	8 928	9 773	10 175	11 376
Disposable income	4 575	4 906	5 921	7 072	7 623	8 179	8 571	9 466	10 023	11 093
Income after all taxes and benefits	5 082	5 615	6 535	7 773	8 535	9 115	9 624	10 355	11 094	11 801
3 adults										
Original income	5 961	6 920	8 126	9 198	10 495	10 749	11 075	12 402	13 494	15 142
Disposable income	5 094	6 041	7 237	8 216	9 292	9 685	10 022	11 081	12 128	12 978
Income after all taxes and benefits	4 538	5 363	6 407	7 200	8 059	8 325	8 634	9 319	10 341	10 818
3 adults, 1 child										
Original income	6 285	7 815	8 233	9 975	10 633	11 466	11 879	12 710	15 476	15 776
Disposable income	5 421	6 629	7 227	8 654	9 235	10 020	10 541	11 207	13 647	13 690
Income after all taxes and benefits	5 408	6 504	6 959	8 331	8 930	9 759	10 181	10 805	13 247	13 189
4 adults										
Original income	8 205	9 771	11 315	13 021	15 153	14 597	15 626	17 555	19 168	19 971
Disposable income	6 783	8 211	9 463	11 031	12 474	12 505	13 575	15 047	16 282	17 185
Income after all taxes and benefits	6 135	7 503	8 423	9 869	10 994	11 027	11 951	12 991	13 962	14 891
1 adult with child(ren)⁴										
Original income	1 472	1 894	2 269	2 692	3 375	2 189	2 276	2 601	2 345	2 478
Disposable income	2 189	2 787	3 186	3 601	4 644	4 047	4 352	4 661	4 800	5 013
Income after all taxes and benefits	2 746	3 456	3 881	4 425	5 617	5 004	5 296	5 681	5 751	5 862
Other households										
Original income	6 480	7 510	8 728	10 681	11 296	12 432	12 183	12 640	14 884	16 042
Disposable income	5 914	6 953	8 081	9 765	10 544	11 987	11 912	12 471	14 526	15 683
Income after all taxes and benefits	6 492	7 496	8 546	10 389	11 055	12 607	12 671	12 944	14 710	16 282
All households in the sample										
Original income	4 037	4 618	5 217	6 353	7 132	7 376	7 757	8 133	9 068	9 786
Disposable income	3 690	4 312	4 967	5 992	6 749	7 106	7 544	7 975	8 832	9 498
Income after all taxes and benefits	3 573	4 175	4 714	5 682	6 371	6 646	7 058	7 375	8 141	8 701

1 Original income is the total income in cash and kind of the household before the deduction of taxes or the addition of state benefits. The addition of cash benefits (retirement pensions, child benefit, etc.) and the deduction of income tax and employees' national insurance contributions give disposable income. By further allowing for taxes paid on goods and services purchased (such as VAT) and benefits in kind received from public expenditure (housing subsidies, education, health, etc.) an estimate of 'final' income is derived.

2 These income figures are derived from estimates made by the Central Statistical Office, based largely on information from the Family Expenditure

Survey, and published each year in *Economic Trends*. As a result of changes in the coverage of taxes and benefits and the method of allocating them to households, these figures are not exactly comparable from year to year.

3 A pensioner household is one in which the head is over state retirement pension age and when more than three quarters of the household's income consists of national insurance retirement and similar state pensions, or related supplementary benefit.

4 Due to the smaller sample size of this household type, the figures may be subject to greater than average year to year variation.

Source Central Statistical Office

15.2

Distribution of total incomes before and after tax
Years ended 5 April

Lower limit of range of income	1982/83 Annual Survey				Lower limit of range of income	1983/84 Annual Survey			
	Thousands	£ million				Thousands	£ million		
	Number of incomes	Total income before tax	Tax ⁴	Total income after tax		Number of incomes	Total income before tax	Tax ⁴	Total income after tax
All incomes ^{1,2,3}	22 000	166 000	32 400	133 000	All incomes ^{1,2,3}	22 000	178 000	35 200	143 000
Income before tax £					Income before tax £				
1 500	884	1 500	31	1 470	1 550	509	955	11	944
2 000	1 170	2 620	135	2 480	2 000	1 230	2 760	89	2 670
2 500	1 120	3 080	272	2 810	2 500	1 070	2 930	193	2 740
3 000	1 250	4 040	420	3 620	3 000	1 200	3 900	306	3 600
3 500	1 300	4 880	611	4 270	3 500	1 220	4 600	491	4 110
4 000	1 230	5 200	717	4 480	4 000	1 240	5 260	668	4 600
4 500	1 240	5 910	914	5 000	4 500	1 130	5 350	773	4 570
5 000	1 090	5 720	917	4 800	5 000	1 140	5 950	917	5 040
5 500	1 180	6 780	1 140	5 640	5 500	1 100	6 380	1 040	5 350
6 000	2 030	13 100	2 310	10 800	6 000	1 890	12 200	2 090	10 100
7 000	1 920	14 300	2 620	11 700	7 000	1 710	12 800	2 340	10 500
8 000	2 860	25 600	4 780	20 800	8 000	2 810	25 000	4 780	20 200
10 000	1 740	19 000	3 670	15 300	10 000	2 040	22 200	4 410	17 800
12 000	1 480	19 800	4 040	15 700	12 000	1 740	23 200	4 900	18 300
15 000	883	15 100	3 420	11 700	15 000	1 120	19 000	4 290	14 700
20 000	448	10 500	2 860	7 670	20 000	645	15 200	3 990	11 200
30 000	142	5 230	1 820	3 410	30 000	169	6 200	2 060	4 140
50 000	36	2 340	1 050	1 290	50 000	44	2 840	1 200	1 640
100 000 and over	7	1 160	651	507	100 000 and over	8	1 290	694	597
Income after tax £					Income after tax £				
1 550	1 080	2 010	69	1 940	1 550	635	1 220	21	1 190
2 000	1 530	3 710	279	3 440	2 000	1 470	3 460	166	3 290
2 500	1 550	4 840	576	4 260	2 500	1 410	4 230	372	3 850
3 000	1 680	6 320	846	5 480	3 000	1 670	6 130	712	5 420
3 500	1 670	7 360	1 110	6 250	3 500	1 670	7 220	965	6 250
4 000	1 480	7 480	1 200	6 280	4 000	1 530	7 680	1 180	6 510
4 500	1 500	8 620	1 480	7 140	4 500	1 490	8 480	1 400	7 070
5 000	1 349	8 520	1 480	7 050	5 000	1 280	8 080	1 380	6 700
5 500	1 320	9 230	1 650	7 580	5 500	1 170	8 130	1 420	6 710
6 000	2 150	17 000	3 090	13 900	6 000	2 110	16 800	3 110	13 700
7 000	1 780	16 400	3 030	13 300	7 000	1 760	16 200	3 070	13 100
8 000	2 200	24 300	4 680	19 600	8 000	2 560	28 500	5 650	22 900
10 000	1 250	17 200	3 520	13 600	10 000	1 400	19 300	4 060	15 300
12 000	782	13 500	3 090	10 400	12 000	956	16 500	3 750	12 700
15 000	433	9 990	2 680	7 310	15 000	616	14 100	3 660	10 500
20 000 and over	211	9 390	3 600	5 810	20 000 and over	280	12 000	4 320	7 630

1 The distributions cover only incomes as computed for tax purposes and above a level which for each year corresponds approximately to the single person's allowance. Incomes below these levels are not shown because the information about them is incomplete.

2 The reporting of investment income in the Survey is incomplete; investment income from which basic rate tax has been deducted at source and upon which there is no higher rate liability, investment income surcharge or restricting age allowance is under-recorded. This is because this type of investment income has no operational significance as all liability to tax has been satisfied.

3 All figures have been independently rounded.

4 Where relief at basic rate is given at source, eg under the MIRAS scheme, income tax is calculated without any deduction for such relief (but after allowance for any basic rate relief due at higher rates). The provision of basic rate relief at source on most mortgage interest from 1983–84 thus produces higher estimates of tax due than in previous years.

Source Board of Inland Revenue

15.2

Distribution of total incomes before and after tax

Years ended 5 April

(continued)

Lower limit of range of income	1984/85 Annual Survey				Lower limit of range of income	1985/86 Annual Survey			
	Thousands	£ million				Thousands	£ million		
	Number of incomes	Total income before tax	Tax ⁴	Total income after tax		Number of incomes	Total income before tax	Tax ⁴	Total income after tax
All incomes ^{1,2,3}	21 900	191 000	37 300	154 000	All incomes ^{1,2,3}	21 900	209 000	40 500	168 000
Income before tax £					Income before tax £				
2 000	1 340	2 990	54	2 930	2 200	672	1 580	18	1 560
2 500	1 000	2 730	139	2 590	2 500	1 070	2 920	95	2 820
3 000	1 060	3 440	241	3 200	3 000	969	3 140	193	2 950
3 500	1 090	4 080	379	3 700	3 500	1 020	3 810	294	3 520
4 000	1 210	5 160	565	4 590	4 000	1 100	4 660	470	4 190
4 500	1 090	5 170	660	4 510	4 500	1 040	4 930	582	4 350
5 000	1 060	5 530	774	4 750	5 000	1 080	5 670	731	4 930
5 500	985	5 680	865	4 810	5 500	1 010	5 790	784	5 010
6 000	1 910	12 400	2 020	10 400	6 000	1 840	11 900	1 850	10 100
7 000	1 690	12 700	2 200	10 500	7 000	1 710	12 800	2 180	10 600
8 000	2 930	26 100	4 820	21 300	8 000	3 010	27 000	4 810	22 200
10 000	2 090	22 900	4 400	18 500	10 000	2 100	22 900	4 270	18 600
12 000	1 990	26 600	5 380	21 200	12 000	2 130	28 500	5 520	23 000
15 000	1 340	22 900	4 990	17 900	15 000	1 770	30 200	6 250	24 000
20 000	780	18 500	4 570	13 900	20 000	975	23 200	5 460	17 700
30 000	246	9 010	2 830	6 180	30 000	307	11 300	3 410	7 920
50 000	62	3 980	1 580	2 390	50 000	87	5 650	2 180	3 460
100 000 and over	11	1 710	846	860	100 000 and over	17	2 810	1 390	1 430
Income after tax £					Income after tax £				
2 000	1 580	3 630	98	3 530	2 000	840	2 010	38	1 970
2 500	1 280	3 760	271	3 490	2 500	1 320	3 820	187	3 630
3 000	1 480	5 360	537	4 820	3 000	1 280	4 560	401	4 160
3 500	1 480	6 350	784	5 560	3 500	1 480	6 250	689	5 560
4 000	1 490	7 270	973	6 300	4 000	1 340	6 520	838	5 680
4 500	1 400	7 840	1 210	6 620	4 500	1 420	7 840	1 100	6 750
5 000	1 290	8 060	1 290	6 770	5 000	1 230	7 580	1 150	6 430
5 500	1 170	8 130	1 380	6 750	5 500	1 260	8 590	1 390	7 200
6 000	2 230	17 600	3 110	14 500	6 000	2 170	17 000	2 960	14 100
7 000	1 740	15 900	2 910	13 000	7 000	1 910	17 400	3 110	14 300
8 000	2 690	29 600	5 640	24 000	8 000	2 660	29 100	5 300	23 800
10 000	1 670	22 800	4 560	18 200	10 000	1 820	24 700	4 730	19 900
12 000	1 180	20 000	4 310	15 600	12 000	1 570	26 300	5 350	20 900
15 000	769	17 300	4 170	13 100	15 000	1 000	22 100	5 020	17 100
20 000 and over	433	17 900	6 060	11 800	20 000	453	14 700	4 120	10 600
					30 000	119	6 750	2 450	4 300
					50 000	23	2 570	1 130	1 440
					100 000	3	992	511	481

Footnotes on page 252.

Source Board of Inland Revenue

15.3

Sources of household income¹
United Kingdom

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of households supplying data ²	7 203	7 203	7 198	7 001	6 777	6 944	7 525	7 428	6 973	7 081	7 012	7 178
Average weekly household income ³ by source (£)												
Wages and salaries	54.51	60.23	66.92	76.10	86.27	104.78	114.22	118.50	121.56	131.00	141.26	150.32
Self-employment	4.03	4.38	5.47	5.29	5.63	8.16	10.24	10.59	12.26	12.07	14.65	17.96
Investments	2.57	2.51	2.81	2.95	3.28	4.49	6.35	6.94	6.77	7.07	8.42	9.78
Annuities and pensions (other than social security benefits)	1.70	2.15	2.29	3.03	3.14	3.79	5.20	5.26	7.39	7.72	9.58	10.14
Social security benefits ³	7.00	8.68	10.57	12.50	14.88	17.60	21.87	24.58	28.03	27.45	28.90	30.30
Imputed income from owner/rent-free occupancy ⁴	2.44	3.46	3.93	4.93	5.65	6.75	7.79	8.57	9.70	10.23	11.86	12.57
Other sources ⁵	0.64	0.89	0.99	1.33	1.59	1.61	1.93	2.24	2.15	1.84	2.21	2.61
Total	72.87	82.30	92.98	106.13	120.45	147.18	167.60	176.67	187.86	197.37	216.86	233.68
Sources of household income as a percentage of total household income ³ (per cent)												
Wages and salaries	74.8	73.2	72.0	71.7	71.6	71.2	68.1	67.1	64.7	66.4	65.1	64.3
Self-employment	5.5	5.3	5.9	5.0	4.7	5.5	6.1	6.0	6.5	6.1	6.8	7.7
Investments	3.5	3.1	3.0	2.8	2.7	3.0	3.8	3.9	3.6	3.6	3.9	4.2
Annuities and pensions (other than social security benefits)	2.3	2.6	2.5	2.9	2.6	2.6	3.1	3.0	3.9	3.9	4.4	4.3
Social security benefits ³	9.6	10.5	11.4	11.8	12.4	12.0	13.1	13.9	14.9	13.9	13.3	13.0
Imputed income from owner/rent-free occupancy ⁴	3.4	4.2	4.2	4.6	4.7	4.6	4.6	4.8	5.2	5.2	5.5	5.4
Other sources ⁵	0.9	1.1	1.0	1.2	1.3	1.1	1.2	1.3	1.2	0.9	1.0	1.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1 Information derived from the Family Expenditure Survey.

2 In 1979 and 1983 data were not collected for a few weeks at the time of the General Elections.

3 Because of the introduction of the Housing Benefit Scheme figures for 1983 and 1984 are not on a comparable basis, nor are those for 1983 consistent with earlier years.

4 Imputed income is the weekly equivalent of the rateable value: this is adjusted to allow for general increases in rents since date of valuation, and is also included in income of households living rent-free. From 1976 the method of calculating this adjustment is changed. 1985 assessments of rateable values in Scotland were used from 1 April 1985 in the calculation of imputed income and housing expenditure of owner-occupiers and those living rent-free (1985 FES definitions 14(h), (g)).

5 From 1982 'Other sources' includes very small amounts of income previously classified under self-employment.

Source Department of Employment

15.4

Availability in households of certain durable goods¹
United Kingdom

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of households supplying data ²	7 203	7 203	7 198	7 001	6 777	6 944	7 525	7 428	6 973	7 081	7 012	7 178
Percentage												
Car	57.0	55.2	57.2	57.6	57.9	60.3	61.8	61.4	62.1	61.3	62.8	62.4
One	46.4	44.5	46.2	45.2	44.3	45.0	46.3	46.6	45.4	44.8	45.2	44.3
Two	9.6	9.6	9.7	10.9	11.7	13.1	13.4	12.7	14.4	13.5	14.6	14.9
Three or more	1.0	1.1	1.3	1.5	1.9	2.2	2.1	2.0	2.3	3.0	2.9	3.2
Central heating, full or partial	46.7	47.1	50.8	53.8	55.0	59.1	60.5	62.8	63.9	66.4	69.0	70.1
Washing machine	71.9	72.3	74.6	75.0	76.6	78.7	80.7	81.1	81.3	81.9	83.0	82.9
Refrigerator or Fridge/Freezer	..	..	..	..	..	..	..	..	..	..	97.6	96.9
Freezer or Fridge/Freezer	..	..	..	..	..	..	..	..	..	..	67.3	69.2
Refrigerator	85.3	88.1	89.9	91.6	92.9	94.8	96.1	96.4	97.0	97.2	—	—
Television	94.8	95.6	96.0	95.6	95.8	96.9	96.6	96.8	96.9	97.2	97.6	97.1
Telephone	51.9	52.6	56.8	62.0	67.2	71.6	75.8	75.7	77.3	78.3	80.5	80.9
Home computer	..	..	..	..	..	..	..	..	..	..	12.6	15.1
Video recorder	..	..	..	..	..	..	..	..	..	..	30.1	36.3

1 Information derived from Family Expenditure Survey.

2 In 1979 and 1983 data were not collected for a few weeks at the time of the General Elections.

Source Department of Employment

15.5

Households and their expenditure¹
United Kingdom

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of households supplying data²	7 203	7 203	7 198	7 001	6 777	6 944	7 525	7 428	6 973	7 081	7 012	7 178
Total number of persons	20 254	19 793	19 885	19 019	18 314	18 844	20 535	20 022	18 532	18 557	18 206	18 330
Total number of adults ³	14 094	13 978	14 072	13 581	13 021	13 408	14 685	14 386	13 401	13 618	13 401	13 554
Household percentage distribution by tenure												
Rented unfurnished	42.7	43.0	44.1	41.9	41.2	40.9	41.6	39.0	35.8	35.4	34.9	33.9
Rented furnished	4.3	4.4	2.9	3.5	2.7	2.6	2.5	2.7	2.9	2.7	2.5	3.0
Rent-free	2.8	2.6	2.2	2.8	2.6	2.2	2.2	2.0	2.2	1.8	2.1	2.0
Owner-occupied	50.2	50.0	50.8	51.8	53.5	54.3	53.7	56.3	59.2	60.1	60.5	61.1
Average number of persons per household												
All persons	2.812	2.748	2.763	2.717	2.702	2.714	2.729	2.695	2.658	2.621	2.596	2.554
Males	1.370	1.346	1.338	1.314	1.300	1.307	1.329	1.317	1.289	1.266	1.258	1.236
Females	1.442	1.402	1.425	1.403	1.403	1.407	1.400	1.378	1.369	1.355	1.339	1.317
Adults ³	1.957	1.941	1.955	1.940	1.921	1.931	1.951	1.937	1.922	1.923	1.911	1.888
Persons under 65	1.603	1.570	1.592	1.579	1.550	1.563	1.585	1.584	1.562	1.572	1.552	1.526
Persons 65 and over	0.353	0.370	0.363	0.361	0.371	0.368	0.366	0.353	0.360	0.351	0.359	0.362
Children ³	0.855	0.807	0.808	0.777	0.781	0.783	0.777	0.759	0.736	0.698	0.685	0.665
Children under 2	0.080	0.073	0.075	0.073	0.086	0.076	0.078	0.081	0.080	0.068	0.077	0.073
Children 2 and under 5	0.147	0.127	0.128	0.117	0.118	0.116	0.109	0.119	0.123	0.114	0.114	0.118
Children 5 and under 18	0.628	0.607	0.604	0.587	0.577	0.591	0.591	0.559	0.533	0.516	0.495	0.474
Persons working ⁴	1.351	1.338	1.352	1.348	1.334	1.357	1.363	1.221	1.172	1.179	1.164	1.160
Persons not working ⁴	1.461	1.410	1.410	1.369	1.369	1.356	1.366	1.474	1.485	1.442	1.433	1.394
Men 65 and over, women 60 and over	0.377	0.387	0.388	0.377	0.386	0.386	0.396	0.383	0.403	0.399	0.407	0.403
Others	1.084	1.023	1.022	0.992	0.983	0.971	0.970	1.092	1.082	1.043	1.026	0.991
Average weekly household expenditure on commodities and services (£)												
Housing ⁵	7.16	9.21	10.31	11.87	13.72	16.56	19.76	22.29	23.99	24.06	26.63	29.92
Fuel, light and power	2.99	3.53	4.38	4.76	5.25	6.15	7.46	8.35	9.22	9.42	9.95	10.43
Food	13.52	15.36	17.74	19.31	21.83	25.15	27.20	28.19	29.56	31.43	32.70	34.97
Alcoholic drink	2.81	3.11	3.51	3.92	4.56	5.34	6.06	6.13	6.91	7.25	7.95	8.21
Tobacco	1.95	2.29	2.60	2.72	2.85	3.32	3.74	3.85	4.21	4.37	4.42	4.55
Clothing and footwear	4.75	4.99	5.78	6.78	7.79	8.99	9.23	9.69	10.00	11.10	11.92	13.46
Durable household goods	4.03	4.06	4.99	5.66	7.05	7.70	9.40	9.65	10.26	11.57	11.61	13.83
Other goods	4.14	4.49	5.33	5.99	7.28	8.75	9.45	10.06	10.81	11.89	12.59	13.87
Transport and vehicles	7.54	8.14	9.71	10.90	13.13	16.15	18.70	19.79	20.96	22.77	24.56	25.43
Services	5.39	6.19	6.93	7.66	9.74	11.96	13.84	15.37	16.09	17.41	19.48	22.67
Miscellaneous ⁶	0.31	0.32	0.56	0.69	0.97	0.53	0.58	0.53	0.58	0.64	0.68	0.74
Total	54.58	61.70	71.84	80.26	94.17	110.60	125.41	133.92	142.59	151.92	162.50	178.10
Expenditure on commodity or service as a percentage of total expenditure (per cent)												
Housing ⁵	13.1	14.9	14.4	14.8	14.6	15.0	15.8	16.6	16.8	15.8	16.4	16.8
Fuel, light and power	5.5	5.7	6.1	5.9	5.6	5.6	5.9	6.2	6.5	6.2	6.1	5.9
Food	24.8	24.9	24.7	24.1	23.2	22.7	21.7	21.1	20.7	20.7	20.1	19.6
Alcoholic drink	5.1	5.1	4.9	4.9	4.8	4.8	4.8	4.6	4.8	4.8	4.9	4.6
Tobacco	3.6	3.7	3.6	3.4	3.0	3.0	3.0	2.9	3.0	2.9	2.7	2.6
Clothing and footwear	8.7	8.1	8.0	8.4	8.3	8.1	7.4	7.2	7.0	7.3	7.3	7.5
Durable household goods	7.4	6.6	6.9	7.0	7.5	7.0	7.5	7.2	7.2	7.6	7.2	7.8
Other goods	7.6	7.3	7.4	7.5	7.7	7.9	7.5	7.5	7.6	7.9	7.8	7.8
Transport and vehicles	13.8	13.2	13.5	13.6	13.9	14.6	14.9	14.8	14.7	15.0	15.1	14.3
Services	9.9	10.0	9.7	9.5	10.4	10.8	11.0	11.5	11.3	11.5	12.0	12.7
Miscellaneous ⁶	0.5	0.5	0.8	0.9	1.0	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1 Information derived from the Family Expenditure Survey.

2 In 1979 and 1983 data were not collected for a few weeks at the time of the General Elections.

3 Adults and children are:

Adults = all persons 18 and over and married persons under 18
Children = all unmarried persons under 18.4 From 1982, figures for persons working (and persons not working) are on a revised basis: see *Family Expenditure Survey Report* for 1982 for details.

5 Excludes mortgage payments but includes imputed expenditure from owner-occupancy and from rent-free occupancy. Imputed expenditure is the weekly

equivalent of the rateable value which is adjusted to allow for general increase in rents since date of valuation. From 1976 the method of calculating this adjustment is changed. Because of the introduction of the Housing Benefit Scheme, figures for expenditure on housing for 1983 and 1984 are not on a comparable basis. Nor are those for 1983 consistent with earlier years. 1985 assessments of rateable values in Scotland were used from 1 April 1985 in the calculation of imputed income and housing expenditure of owner-occupiers and those living rent-free (1985 definition 14(h), (g)).

6 Miscellaneous expenditure was greater before 1980 when changes in classifying credit card expenditure were introduced.

Source Department of Employment

16 Home Finance

Public sector

In Table 16.1 the term public sector describes the consolidation of central government, local authorities and public corporations. The table sets out the relationship between the public sector financial deficit and the public sector borrowing requirement, (PSBR). A financial deficit (or surplus) represents the extent to which a sector's gross savings—that is, the balance of receipts and expenditure on current transactions—*plus* net capital transfers are insufficient (or more than sufficient) to finance the sector's expenditure on physical assets.

In recent years the public sector has been in deficit and has had to borrow. The deficit is not a complete indication of the borrowing requirement because it does not take into account lending to the private sector and overseas and other non-borrowing financial transactions. The borrowing requirement equals the financial deficit *plus* the net increase in these financial assets. Net increase in bank deposits and other liquid assets, however, is counted as an offset to borrowing.

Details of public sector borrowing and the contributions to the PSBR are given in Table 16.2. Generally net acquisition of public sector debt and lending within the public sector is counted as an offset to borrowing so that the PSBR represents the net requirement for finance from the private sector and overseas. But the central government borrowing requirement is counted as covering direct on-lending by central government to local authorities and public corporations. Their additional 'contributions' to the PSBR are therefore equal to their borrowing requirements *less* their direct borrowing from central government.

General government borrowing requirement is the sum of the borrowing requirements of central government and local authorities *less* direct borrowing by local authorities from central government. The public sector borrowing requirement is the general government borrowing requirement *plus* public corporations borrowing requirement *less* public corporations direct borrowing from central government.

The borrowing requirements are measured from the financing items rather than as the difference between receipts and payments because financing information is available sooner and, for local authorities and public corporations, is probably more reliable.

Central government

The central government embraces all bodies for whose activities a Minister of the Crown, or other responsible person, is accountable to Parliament. It includes, in addition to the ordinary government departments, a number of bodies administering public policy but without the substantial degree of financial independence which characterises the public corporations; it also includes certain extra-budgetary funds and accounts controlled by departments.

The government's financial transactions are handled through a number of statutory funds, or accounts. The most important of these is the Consolidated Fund which is the government's main account with the Bank of England. Up to 31 March 1968 the Consolidated Fund was virtually synonymous with the term 'Exchequer' which was then the Government's central cash account. From 1 April 1968 the National Loans Fund, with a separate account at the Bank of England, was set up by the National Loans Act, 1968. The general effect of this Act was to remove from the Consolidated Fund most of the Government's domestic lending and the whole of the Government's borrowing transactions and to provide for them to be brought to account in the National Loans Fund.

Revenue from taxation and miscellaneous receipts, including interest and dividends on loans made from Votes, continue to be paid into the Consolidated Fund. After meeting the ordinary expenditure on Supply Services and the Consolidated Fund Standing Services, the surplus or deficit on the Consolidated Fund (Table 16.4), is payable into or met by the National Loans Fund.

Table 16.4 also provides a summary of the transactions of the National Loans Fund. The service of the National Debt, previously borne on the Consolidated Fund, is now met from the National Loans Fund which receives (a) interest payable on loans to the nationalised industries, local authorities and other bodies, whether the loans were made before or after 1 April 1968 and (b) the profits of the Issue Department of the Bank of England, mainly derived from interest on government securities, which were formerly paid into the Exchange Equalisation Account. The net cost of servicing the National Debt after applying these interest receipts and similar items is a charge on the Consolidated Fund as part of the standing services. Details of National Loans Fund loans outstanding are shown in Table 16.7.

Details of borrowing and repayments of debt, other than loans from the National Loans Fund, are shown in Table 16.6.

16.1 Public sector financial account

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Financial surplus or deficit											
Public sector total	-6 575	-8 341	-8 097	-11 610	-5 456	-8 420	-11 661	-13 395	-7 600	-8 679	-1 698
Transactions in financial liabilities											
Total	6 580	10 843	12 961	14 599	9 180	10 543	12 147	13 401	6 507	4 540	-2 502
Public sector borrowing requirement: total	5 311	9 157	9 926	12 599	8 622	8 936	9 717	10 100	5 654	3 434	-3 570
Contributions by											
Central government	4 522	7 910	8 262	12 732	7 597	12 734	12 178	10 164	10 962	10 495	733
Local authorities	357	974	2 152	819	947	-2 670	-2 225	-943	-4 072	-5 646	-2 734
Public corporations	432	273	-488	-1 032	78	-1 128	-236	879	-1 236	-1 415	-1 569
Other financial liabilities	1 269	1 686	3 035	2 080	558	1 607	2 430	3 301	853	1 106	1 068
Transactions in financial assets											
Total	621	2 951	4 073	2 878	4 037	1 773	455	88	-1 884	-4 408	-4 836
Net lending, etc. to private sector and overseas											
Central government	-679	629	-374	1 437	545	521	-937	-1 735	-2 642	-3 594	-5 155
Local authorities	-35	52	415	291	489	274	-242	-306	-407	-461	-358
Public corporations	499	356	355	-1 102	245	61	65	-42	-41	109	-147
Other financial assets	836	1 914	3 677	2 252	2 758	917	1 569	2 171	1 206	-462	824
Total financial transactions	-5 959	-7 892	-8 888	-11 721	-5 143	-8 770	-11 692	-13 313	-8 391	-8 948	-2 334
Balancing item	-616	-449	791	111	-313	350	31	-82	791	269	636

Source Central Statistical Office

16.2 Public sector borrowing and contributions to the public sector borrowing requirement

	£ million											
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Central government borrowing requirement	5 856	4 522	7 910	8 262	12 732	7 597	12 734	12 178	10 164	10 962	10 495	733
<i>of which: own account</i>	4 224	2 757	5 832	4 364	9 391	6 552	7 769	8 040	6 500	4 271	4 545	-3 393
Local authorities:												
Direct borrowing from central government ¹	627	1 063	337	817	1 301	-1 172	2 757	3 431	3 329	5 742	5 884	4 097
Net borrowing from other sources	1 372	357	981	2 117	853	1 100	-2 797	-2 220	-909	-4 064	-5 643	-2 720
<i>less</i> Transactions in other public sector debt:												
Central government	3	-	7	9	7	11	5	23	8	3	-	12
Public corporations	-	-	-	-44	27	142	-132	-18	26	5	3	2
Borrowing requirement	1 996	1 420	1 311	2 969	2 120	-225	87	1 206	2 386	1 670	238	1 363
General government borrowing requirement	7 225	4 879	8 884	10 414	13 551	8 544	10 064	9 953	9 221	6 890	4 849	-2 001
Public corporations:												
Direct borrowing from central government ¹	1 005	702	1 741	3 081	2 040	2 217	2 208	707	335	949	66	29
Net borrowing from other sources	1 481	527	249	-433	-715	381	-925	323	619	-953	-1 667	-965
<i>less</i> Transactions in other public sector debt:												
Central government	48	128	97	190	165	339	155	482	-171	179	-27	530
Local authorities	331	-33	-121	-135	152	-36	48	77	-89	104	-225	74
Borrowing requirement	2 107	1 134	2 014	2 593	1 008	2 295	1 080	471	1 214	-287	-1 349	-1 540
Public sector borrowing requirement	8 327	5 311	9 157	9 926	12 519	8 622	8 936	9 717	10 106	5 654	3 434	-3 570

¹ Excluding market transactions of central government in public sector debt; these transactions are included in 'Net borrowing from other sources.'

Source Central Statistical Office

16.3 Debt of the public sector: nominal amount outstanding¹
At 31 March in each year

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Central government											
National debt ²											
Sterling debt	62 796	74 550	82 597	91 366	109 953	116 030	125 326	140 329	155 119	167 506	179 817
Foreign currency debt ³	4 370	4 630	4 288	3 949	3 083	2 360	2 601	2 555	2 909	3 861	5 915
less Official holdings ^{4,5}	14 418	18 363	17 741	18 161	18 277	14 506	14 096	12 201	12 381	13 517	17 603
equals Market holdings	52 748	60 817	69 144	77 154	94 759	103 884	113 831	130 683	145 647	157 850	168 129
Other liabilities:											
Net indebtedness of the central government to the Bank of England banking department	1 397	2 193	653	599	650	725	676	474	—	—	319
Deposits with:											
National Savings Bank: ordinary accounts	1 548	1 719	1 849	1 821	1 740	1 703	1 735	1 758	1 734	1 691	1 666
Trustee Savings Banks: ordinary department ⁶	1 626	1 735	1 665								
Fund for banks for savings' liability to Trustee Savings Banks ⁶				1 266	1 116	937	745	638	318	105	—
Accrued interest, etc. on national savings ⁷	653	844	1 087	1 430	1 954	2 493	3 002	3 795	4 629	5 508	6 076
Notes and coin in circulation ⁸	7 346	8 628	9 657	10 667	11 204	11 386	12 590	12 895	13 794	14 539	14 231
Market holdings of Northern Ireland Government debt	116	121	170	168	201	238	250	279	235	255	230
Other stocks issued by government funds ⁹	70	58	58	57	56	55	55	54	53	52	52
Consolidated fund liability to Post Office Superannuation Fund ¹⁰	901	792	662	530	370	168	—	—	—	—	
Funds lodged in the Supreme Court and County Courts	112	126	148	172	210	253	300	369	503	497	537
Public corporations' balancer with the Paymaster General	61	114	101	74	55	134	149	150	134	72	53
Total central government liabilities	66 578	77 147	85 194	93 938	112 315	121 976	133 333	151 095	167 048	180 569	191 293
Government guaranteed stocks of nationalised industries ¹¹	808	808	794	254	224	224	224	224	224	224	10
Total held by other sectors	67 386	77 955	85 988	94 192	112 539	122 200	133 557	151 319	167 272	180 793	191 303
of which:											
Local authorities	31	32	50	51	56	61	74	86	96	96	98
Public corporations	402	521	619	880	1 140	1 232	1 347	1 850	1 561	1 740	1 181
Domestic private sector ¹²	57 493	66 778	75 967	82 816	99 242	108 617	119 644	134 115	149 458	160 346	168 022
Overseas	9 460	10 624	9 352	10 445	12 101	12 290	12 492	15 268	16 156	18 611	22 002
Local authorities											
Sterling debt	28 624	30 083	31 326	34 551	36 842	36 897	37 188	38 806	41 557	43 840	46 287
less debt held by other local authorities	747	715	717	671	652	794	874	1 002	1 040	1 029	1 058
equals debt held outside local authority sector	27 877	29 368	30 609	33 880	36 190	36 103	36 314	37 804	40 517	42 811	45 229
Foreign currency debt ³	779	759	572	233	192	222	359	444	504	614	719
Total held by other sectors	28 656	30 127	31 181	34 113	36 382	36 325	36 673	38 248	41 021	43 425	45 948
of which:											
Central government	12 950	13 948	14 456	15 577	16 711	15 769	18 207	21 391	24 618	30 042	35 933
Public corporations	334	219	202	231	262	279	326	403	314	355	194
Domestic private sector ¹²	14 816	15 386	15 944	17 882	18 959	19 785	17 497	15 766	15 367	12 193	8 874
Overseas	556	574	579	423	450	492	643	688	722	835	947

See footnotes on page 259.

Source Central Statistical Office

16.3

Debt of the public sector: nominal amount outstanding¹

At 31 March in each year

(continued)

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Public corporations											
Sterling debt	19 482	20 678	21 847	25 503	27 120	26 841	27 139	27 842	26 142	25 771	23 675
Foreign currency debt ³	5 392	5 794	5 222	4 523	4 158	4 762	5 291	5 609	5 498	5 149	4 548
Total held by other sectors	24 874	26 472	27 069	30 026	31 278	31 603	32 430	33 451	31 640	30 920	28 223
of which:											
Central government	17 492	18 502	19 632	22 901	24 689	23 676	24 834	25 551	22 797	23 837	22 069
Local authorities	1 420	1 429	1 380	1 369	1 369	1 469	1 172	1 108	1 086		949
Domestic private sector ¹²	2 282	2 072	1 740	1 655	1 512	2 505	2 306	2 332	3 704		1 713
Overseas	3 680	4 469	4 317	4 101	3 708	3 953	4 118	4 460	4 053		3 492
Public sector debt held outside the public sector											
Total	88 287	99 903	107 899	117 322	135 972	147 640	156 700	172 629	189 460	198 063	205 050
Sterling debt held by:											
Domestic private sector	70 257	80 183	90 355	99 801	117 885	129 826	138 060	150 862	166 916	172 037	174 678
Overseas	7 489	8 537	7 462	8 816	10 654	10 470	10 389	13 159	13 633	16 402	19 190
Foreign currency debt held by:											
Domestic private sector	4 334	4 053	3 296	2 552	1 828	1 079	1 387	1 351	1 613	2 717	3 931
Overseas	6 207	7 130	6 786	6 153	5 605	6 265	6 864	7 257	7 298	6 907	7 251
Contingent liabilities of central government¹³											
Export credit guarantees	16 380	19 046	21 058	24 337	25 585	30 838	50 901	42 790	42 298	38 389	36 913
Assistance to industry, guaranteed loans	1 223	1 201	1 552	1 492	1 652	2 116	1 917	2 140	2 536	2 053	1 801
Overseas Development and Co-operation Act, 1980, guaranteed loans	39	29	30	25	54	53	61	56	66	40	64
Other identified	7	7	8	7	8	9	10	9	10	10	16
Total	17 649	20 283	22 648	25 861	27 299	33 016	52 889	44 995	44 910	40 492	38 794
Public sector debt ratios											
Percentage of total debt held outside public sector	73	74.2	74.8	74.1	75.5	77.7	77.3	77.4	79	77.6	77.2
Debt held outside sector as a percentage of GDP (at current market prices)	62.9	61.6	57.4	52.5	54.9	54.4	53.2	54.5	54.8	53.4	53.2
Debt held overseas as a percentage of debt held outside public sector	15.5	15.7	13.2	12.8	12.0	11.3	11.0	11.8	11.0	11.8	12.9
Debt held overseas as a percentage of GDP (at current market prices)	9.8	9.7	7.6	6.7	6.6	6.2	5.9	6.4	6.1	6.3	6.9
Foreign currency debt as a percentage of debt held outside public sector	11.9	11.2	9.3	7.4	5.5	5.0	5.3	5.0	4.7	4.9	5.5

1 An article describing these statistics was published in *Economic Trends* No. 283, May 1977.

2 Comprises the total liabilities of the National Loans Fund, full details of which are given in Section 3 of *Consolidated Fund and National Loans Fund: Supplementary Statements* each year.

3 Total foreign currency debt for each sub-sector is valued at middle closing spot exchange rates on the last working day of March of each year. Much of the foreign currency debt of local authorities and public corporations has been contracted through the exchange cover scheme under which the Treasury guarantees the debt against depreciation of sterling *vis-a-vis* the currency in which the debt is denominated. Thus the market exchange rate valuation used will overstate the liability of these authorities when sterling depreciates, but not the liability of the public sector as a whole.

4 Including sterling stocks of nationalised industries guaranteed by the British government.

5 Official holdings at 31 March 1986 were made up as follows: Treasury bills—£534 million, marketable securities—£9 759 million, ways and means advances—£6 819 million, other (longstanding) debt to the Bank of England Issue Department—£11 million, and non-marketable stocks issued to the National Debt Commissioners—£480 million.

6 From November 1979 Trustee savings banks' ordinary department and new department were amalgamated. The deposit liabilities of the former are now shown as a diminishing claim on the fund for banks for savings.

7 Includes accrued interest, index-linking and bonus as applicable on national savings certificates and SAYE contracts and, from 1981, National Savings Bank investment accounts.

8 Excluding notes and coin held by the Bank of England.

9 For details see Section 4 of *Consolidated Fund and National Loans Fund: Supplementary Statements* for each year.

10 The nominal amount outstanding. The Consolidated Fund's actual liability to the Post Office Superannuation Fund has been up to 1982 to make quarterly payments partly to meet interest at 2½ per cent on the nominal debt and partly to reduce it in the form of a holding of consols. The amount of this nominal reduction therefore depended upon the price of consols at the time of payment.

11 These stocks are liabilities of public corporations but cannot be distinguished from British government securities in the sector analysis of holdings.

12 Holdings by the domestic private sector are obtained as a residual and may contain some unidentified holdings by public sector bodies.

13 Where data are readily available and other than guarantees of loans to the public sector. Further details are given in *Consolidated Fund and National Loans Fund Accounts: Supplementary Statements* for each year.

Source Central Statistical Office

16.4 Consolidated Fund: revenue and expenditure

Years ended 31 March

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Revenue											
Inland Revenue	21 917.0	24 080.1	28 153.4	32 981.8	40 318.3	43 793.7	45 926.0	50 350.1	55 438.1	57 114.9	64 508.5
Customs and Excise	12 284.1	13 835.0	18 031.9	22 095.2	25 247.8	27 895.5	31 434.3	35 502.2	37 397.9	41 094.0	44 737.5
Motor vehicle duties	1 071.7	1 113.0	1 148.9	1 418.7	1 640.2	1 823.4	2 036.1	2 219.4	2 432.3	2 576.3	2 644.7
Selective employment tax and national insurance surcharge ¹	1 162.7	1 914.4	2 987.0	3 541.9	3 596.3	2 831.3	1 670.5	924.1	34.7	1.0	—
Miscellaneous receipts	2 337.7	2 145.4	4 010.3	6 175.9	5 952.4	6 927.5	7 297.0	9 250.9	10 828.8	10 424.7	11 078.0
Total revenue	38 773.2	43 087.9	54 331.5	66 213.5	76 755.0	83 271.4	88 363.9	98 246.7	106 131.8	111 210.9	122 968.7
Expenditure											
Supply services	40 043.0	45 762.4	53 774.0	67 997.4	74 090.8	80 456.4	86 749.3	93 412.1	97 961.7	102 358.7	104 875.5
Debt interest ²	2 220.2	3 222.4	4 143.2	5 043.8	6 503.5	5 392.7	6 485.1	7 520.1	7 567.5	8 893.4	9 598.5
Payments to Northern Ireland	688.9	765.2	986.8	1 236.5	1 475.2	1 607.1	1 603.0	1 647.5	1 808.2	2 030.8	2 218.7
Payments to the European Community, etc.	977.4	1 669.2	2 007.5	1 905.6	2 642.0	2 804.6	2 618.4	2 915.9	2 587.4	3 327.3	3 789.3
Other expenditure ³	59.5	50.2	95.9	— 13.2	73.9	210.0	— 4.8	121.4	201.8	— 149.7	79.0
Total expenditure	43 989.0	51 469.4	61 007.4	76 170.1	84 785.5	90 470.8	97 451.0	105 617.0	110 126.6	116 460.5	120 561.0
Deficit met from the National Loans Fund	5 215.8	8 381.5	6 675.9	9 956.6	8 030.5	7 199.4	9 087.1	7 370.3	3 994.8	5 249.6	— 2 407.7

National Loans Fund: summary of receipts and payments

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Receipts											
Interest on loans, and profits of Issue Department of the Bank of England	2 972.2	3 235.9	4 256.4	4 810.0	4 702.1	5 430.9	5 347.4	5 405.0	6 645.0	6 721.1	6 807.0
Service of the National Debt—balance met from the Consolidated Fund	2 220.2	3 222.4	4 143.2	5 043.8	6 503.5	5 392.7	6 485.1	7 520.1	7 567.5	8 893.4	9 598.5
	5 192.4	6 458.3	8 399.6	9 853.8	11 205.6	10 823.6	11 832.5	12 925.1	14 212.5	15 614.5	16 405.5
Exchange Equalisation Account—sterling capital ⁴	−6 150.0	1 850.0	200.0	1 400.0	3 600.0	2 800.0	600.0	1 000.0	−2,300.0	−3 650.0	−10 250.0
Net borrowing ⁵	12 595.5	6 796.4	8 530.9	12 617.8	4 833.6	7 906.9	13 372.7	13 964.8	9 008.1	13 279.7	12 071.8
International Monetary Fund—maintenance of sterling holdings	—	35.1	228.5	152.2	44.4	—	—	—	—	151.3	—
Reduction of National Debt Commissioners Liability in respect of the National Savings Bank Investment Account	—	—	—	179.2	315.5	1 215.9	46.9	19.5	14.1	—	—
Change in balances and other items	−0.2	−0.1	—	—	—	2.0	−8.1	−4 929.2	3 840.9	1 096.4	—
	11 637.7	15 139.7	17 359.0	24 203.0	19 999.1	22 748.4	25 844.0	22 980.2	24 775.6	26 491.9	18 227.3
Payments											
Service of the National Debt:											
Interest	5 100.9	6 369.4	8 290.5	9 732.7	11 075.5	10 687.3	11 692.2	12 773.2	14 046.4	15 441.1	16 232.9
Management and expenses	91.5	88.9	109.1	121.1	130.1	136.3	140.3	151.9	166.1	173.4	172.6
	5 192.4	6 458.3	8 399.6	9 853.8	11 205.6	10 823.6	11 832.5	12 925.1	14 212.5	15 614.5	16 405.5
Consolidated Fund deficit met from the National Loans Fund	5 215.8	8 381.5	6 675.9	9 956.6	8 030.5	7 199.4	9 087.1	7 370.3	3 994.8	5 249.6	−2 407.7
Net lending	943.8	216.2	2 283.5	3 557.0	763.0	4 463.8	3 413.3	2 501.1	6 378.6	5 627.8	4 132.0
International Monetary Fund—maintenance of value of sterling holding	285.7	—	—	—	—	261.6	188.5	183.7	189.7	—	97.5
International Monetary Fund—additional subscription	—	83.7	—	835.6	—	—	1 322.6	—	—	—	—
	11 637.7	15 139.7	17 359.0	24 203.0	19 999.1	22 748.4	25 844.0	22 980.2	24 775.6	26 491.9	18 227.3

1 Actual receipts in the year are shown gross, and payments of refunds and premiums are included in expenditure on supply services, national insurance surcharge from April 1977.

2 Payment to National Loans Fund representing its payments for the service of the National Debt less its receipts of interest on loans outstanding, etc.

3 Includes net issues to Contingences Fund.

4 Minus sign indicates a net issue.

5 See Table 16.6.

Source HM Treasury

16.5 Central government borrowing requirement (net balance)¹

United Kingdom
Years ended 31 March

£ million

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
National Loans Fund:											
Net lending	944	216	2 283	3 557	745	4 464	3 412	2 501	6 378	5 637	4 132
Less Surplus from Consolidated Fund ²	5 216	8 381	6 676	9 957	8 049	7 200	9 086	7 370	3 995	5 240	-2 407
Other items	—	—	—	—	—	—	—	—	—	—	—
Borrowing required	6 160	8 597	8 959	13 514	8 794	11 664	12 498	9 871	10 373	10 877	1 725
Surplus of National Insurance Funds ²	-612	-341	-381	25	604	216	-520	-203	-396	-410	-1 385
Departmental balances and miscellaneous	-1 024	-409	-318	-828	-1 801	824	277	473	976	168	407
Northern Ireland central government debt	-2	63	2	33	17	33	34	-41	-15	-7	-12
Central government borrowing requirement (net balance)	4 522	7 910	8 262	12 744	7 614	12 737	12 289	10 100	10 938	10 628	735

Borrowing requirement analysed by investment

Liabilities											
Notes and coin	1 282	1 030	1 008	552	189	1 206	323	900	744	-290	1 873
Marketable debt:											
Treasury bills ³	-592	-840	56	-1 025	-111	195	126	-185	124	670	793
British government securities	6 684	6 256	8 977	13 107	5 959	5 140	11 677	10 223	5 675	6 132	7 119
Non-marketable debt:											
National savings	1 197	1 604	985	2 140	4 321	3 028	3 258	3 115	2 142	3 326	2 138
Tax instruments ⁴	436	1 119	-953	490	558	1 035	-235	771	376	-682	-21
Other	53	-9	-16	-68	-99	-173	300	-498	-201	-440	323
Net indebtedness to Bank of England, Banking Department	800	-1 568	-26	50	55	-69	-143	-4 855	3 803	805	229
Northern Ireland central government debt ⁵	-2	48	2	28	17	33	34	-40	-15	-7	-12
Exchange cover scheme: payment of claims	-3	-160	-118	59	21	-94	-79	-356	-168	-229	64
Direct borrowing net from overseas governments and institutions ⁶	327	144	51	100	-75	-202	-100	-447	-86	-86	-69
Overseas official financing:											
Net official financing	718	-810	-632	-762	-1 384	-161	—	417	1 569	2 683	-272
Assets											
Overseas official financing:											
Net change in official reserves	-6 345	1 328	-561	-153	2 749	2 062	32	921	-2 428	-3 834	-11 142
Public sector debt and commercial bills ⁷ and government guaranteed stock	-1	-90	-562	-1 667	-4 505	658	-2 934	118	-568	2 519	-268
Bank deposits	-32	-142	51	-119	-81	79	30	16	-37	-59	-12

1 This is equal to National Loans Fund borrowing and special transactions (net) less receipts from other central government funds, etc.

2 A negative item represents a surplus, a positive item a deficit.

3 Excluding bills held as the sterling counterpart of assistance from overseas central banks, which are part of Overseas official financing.

4 Includes tax reserve certificates, tax deposit accounts, and certificates of tax deposit from October 1975.

5 Excluding foreign currency borrowed under the exchange cover scheme which is included in Overseas official financing: net official financing.

6 Excluding net drawings from the International Monetary Fund and the sterling equivalent of foreign currency deposits by overseas central banks which are part of Overseas official financing.

7 Market transactions by the Issue department, Bank of England and by the National Debt Commissioners.

Sources HM Treasury; Central Statistical Office

16.6

Borrowing and repayment of debt

Years ended 31 March

£ million

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Borrowing											
Marketable securities: new issues	12 914.6	7 845.1	14 925.3	16 083.7	10 997.6	10 704.6	15 888.4	16 057.3	11 897.6	15 182.7	16 735.6
National savings securities:											
National savings certificates	840.1	1 507.0	1 458.5	2 081.9	4 116.2	2 077.8	1 631.4	2 208.1	961.8	1 303.7	395.5
Income bonds	—	—	—	—	—	878.1	1 115.4	1 073.0	1 209.9	2 206.0	2 109.9
Deposit bonds	—	—	—	—	—	—	106.3	137.1	130.2	236.0	230.2
British savings bonds	132.7	94.6	24.0	—	—	—	—	—	—	—	—
Premium savings bonds	160.3	193.0	121.2	167.3	144.5	179.8	186.9	207.9	186.4	211.7	290.3
Save As You Earn	98.2	109.6	120.6	128.7	136.7	138.0	123.9	116.9	91.5	66.5	62.0
Yearly plan	—	—	—	—	—	—	—	28.6	106.0	126.1	132.3
National savings stamps and gift tokens	0.4	1.8	1.3	1.2	1.2	1.2	1.2	1.2	1.2	3.2	3.0
National Savings Bank deposits	—	—	—	486.7	1 096.7	1 413.8	1 506.5	1 261.0	1 225.5	1 408.3	1 811.1
Certificate of tax deposit	886.5	2 408.2	893.7	1 921.6	2 777.5	2 499.9	2 359.9	4 523.2	4 413.0	3 339.6	2 060.8
Nationalised industries', etc. temporary deposits	—	—	—	—	—	—	2 894.0	4 297.0	8 319.0	7 076.0	11 087.0
British Gas Corporation deposits	—	—	200.0	100.0	—	—	—	—	—	—	—
Treasury bills (net receipt)	—	—	—	—	—	8.2	160.2	—	358.8	358.7	1 122.0
Ways and means (net receipt)	4 202.4	1 951.8	—	1 178.6	—	658.7	—	555.6	—	3 319.2	1 214.7
Other debt: payable in sterling:											
Interest free notes	717.9	97.1	13.0	624.6	—	—	1 312.1	313.8	368.2	259.2	373.0
Other debt: payable in external currencies	682.3	696.9	242.3	—	—	261.5	—	236.7	1 743.0	2 720.7	—
Total receipts	20 635.4	14 905.1	17 999.9	22 774.3	19 270.4	18 821.6	27 286.2	31 017.4	31 012.1	37 817.6	37 627.4
Repayment of debt											
Marketable securities: redemptions	3 200.2	2 102.3	2 859.4	3 645.5	6 119.3	6 266.0	4 600.1	4 666.8	6 097.7	9 299.1	8 295.3
Statutory sinking funds	5.1	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.2	3.1	3.0
Terminable annuities:											
National Debt Commissioners	9.2	9.4	2.6	—	—	—	—	—	—	—	—
National savings securities:											
National savings certificates	258.9	275.8	591.6	756.7	922.1	1 331.6	1 144.3	1 298.5	1 220.7	1 495.9	1 483.8
Income bonds	—	—	—	—	—	1.8	60.1	233.0	305.7	382.2	626.6
Deposit bonds	—	—	—	—	—	—	—	16.6	43.6	66.2	105.3
Yearly Plan	—	—	—	—	—	—	—	—	2.2	8.4	10.9
British savings bonds	92.2	138.1	176.3	191.9	153.4	90.3	99.2	82.1	18.7	0.7	2.9
Premium savings bonds	75.3	74.1	119.0	110.1	102.3	100.0	102.6	110.1	117.0	125.8	130.9
Save As You Earn	31.8	69.6	70.5	83.9	67.7	184.2	110.0	117.6	159.1	130.0	86.9
National savings stamps and gift tokens	13.9	3.7	9.6	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.8
National Savings Bank deposits (repayments)	—	—	—	102.0	722.0	874.3	1 127.8	1 367.4	1 315.2	1 344.2	1 509.5
Tax deposit accounts	—	—	—	—	—	—	—	—	—	—	—
Certificates of tax deposit	449.7	1 288.1	1 846.6	1 431.4	2 219.7	1 465.0	2 595.2	3 802.2	3 987.3	4 022.0	2 082.1
Tax reserve certificates	2.3	0.9	0.3	0.2	0.1	0.2	0.1	—	—	—	—
Nationalised industries', etc. temporary deposits	—	—	—	—	—	—	2 489.0	4 554.0	8 187.0	6 987.0	10 776.0
British Gas Corporation (Repayment of Deposits)	—	—	—	—	—	—	—	—	—	300.0	—
Treasury bills (net repayment)	3 831.6	2 503.7	250.4	2 550.2	80.8	—	—	291.9	—	—	—
Ways and means (net repayment)	—	—	2 148.1	—	2 393.7	—	1 394.5	—	226.6	—	—
Other debt: payable in sterling:											
Interest free notes	1.5	1 066.7	1 031.7	593.1	341.8	394.8	89.0	61.1	39.4	205.6	97.2
Other	0.2	0.2	0.1	0.1	0.1	—	0.1	0.1	0.1	0.1	0.1
Other debt: payable in external currencies	68.0	571.4	358.3	686.0	1 308.6	201.5	96.7	446.6	279.3	165.1	342.3
Total payments	8 039.9	8 108.8	9 469.0	10 156.5	14 436.8	10 914.7	13 913.5	17 052.6	22 004.0	24 537.9	25 555.6
Net borrowing	12 595.5	6 796.3	8 530.9	12 617.8	4 833.6	7 906.9	13 372.7	13 964.8	9 008.1	13 279.7	12 071.8

Source HM Treasury

16.7

Consolidated Fund and National Loans Fund: assets and liabilities

At 31 March in each year

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Consolidated Fund											
Total estimated assets	6 812.0	7 229.3	8 659.0	10 786.9	9 853.8	7 562.3	7 239.1	7 924.8	8 719.4	9 477.1	9 799.9
Subscriptions and contributions to international financial organisations	574.6	702.1	760.2	815.4	881.4	1 063.4	1 248.3	1 491.9	1 715.6	1 899.7	2 176.3
International Bank for Reconstruction and Development	118.4	116.8	114.9	114.1	113.5	117.7	119.8	150.2	157.3	180.0	197.7
International Finance Corporation	8.4	7.7	18.3	17.5	16.9	21.3	25.6	26.3	30.8	25.6	31.2
International Development Association	349.9	449.8	484.6	512.8	562.7	713.4	871.1	1 046.4	1 199.2	1 312.1	1 475.2
African Development Fund	0.1	1.0	2.5	3.1	6.0	7.8	9.8	14.4	25.1	30.3	40.5
Asian Development Bank	24.0	26.2	30.6	35.2	37.9	40.9	45.4	53.4	66.2	81.7	92.2
Caribbean Development Bank	6.3	6.2	8.5	11.2	12.0	12.1	12.3	12.7	12.9	13.1	15.3
European Investment Bank	62.9	68.6	85.8	100.5	104.1	115.2	120.6	136.5	157.6	175.0	227.5
Inter-American Development Bank	4.6	7.8	13.2	19.2	25.7	30.1	36.1	41.5	50.8	62.0	73.5
International Fund for Agricultural Development	—	18.0	1.8	1.8	2.6	4.8	7.6	10.5	15.7	19.9	23.2
Amounts due from overseas governments	113.0	115.2	117.0	118.3	118.3	98.7	84.1	81.6	79.1	29.2	26.6
War of 1939–45	83.4	83.5	83.7	83.8	84.0	64.3	64.5	64.6	64.8	17.4	17.5
Other	29.6	31.7	33.3	34.5	34.3	34.4	19.6	17.0	14.4	11.8	9.1
Loans from Votes	4 105.8	3 818.1	4 017.4	3 589.4	3 007.7	2 558.6	2 050.0	1 953.1	1 942.1	1 794.9	1 845.3
Issues of public dividend capital:	1 796.7	2 327.8	3 557.0	5 704.1	5 576.4	3 513.5	3 369.2	4 053.5	4 532.6	5 134.0	5 390.4
British Airways Board	290.0	300.0	310.0	320.0	170.0	180.0	180.0	180.0	—	—	—
British Steel Corporation	1 379.5	1 824.0	2 674.0	3 579.0	4 812.0	2 618.0	2 361.0	2 757.0	3 424.0	3 980.0	3 980.0
Royal Ordnance Factories	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	—	—	—
National Enterprise Board	69.3	110.4	470.7	1 432.3	179.7	187.7	224.2	232.0	64.0	32.0	—
Royal Mint	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Post Office	13.0	13.0	17.0	17.0	17.0	22.0	22.0	22.0	22.0	22.0	22.0
Scottish Development Agency	2.9	9.6	11.5	12.1	6.8	6.8	11.4	15.2	16.3	17.1	19.2
Welsh Development Agency	—	1.8	4.8	5.7	2.9	4.0	5.6	7.4	12.4	14.0	14.3
British Aerospace	—	27.0	27.0	60.0	—	—	—	—	—	—	—
British Shipbuilders	—	—	—	236.0	346.0	453.0	523.0	797.9	986.9	1 061.9	1 347.9
Contingencies Fund—capital	51.0	94.0	126.0	176.0	138.0	186.0	346.0	277.0	337.0	482.0	222.0
Balance on revenue accounts	170.9	172.0	81.4	383.7	132.0	142.2	141.6	67.7	112.9	137.1	139.3
Total liabilities	34 635.0	39 737.3	48 208.0	55 723.4	70 213.0	78 512.9	86 580.4	96 534.7	108 238.6	113 431.4	124 110.5
Liability to balance National Loans Fund	34 108.1	39 113.4	47 396.1	54 836.6	69 147.4	77 187.7	84 742.1	94 623.3	106 084.0	111 448.6	122 193.7
Payment from Votes:	75.9	75.2	74.8	74.1	73.2	72.8	72.4	71.9	71.9	70.8	70.3
Married quarters for armed forces	75.9	75.2	74.8	74.1	73.2	72.8	72.4	71.9	71.9	70.8	70.3
Liability to Post Office Superannuation Fund	182.4	173.2	152.6	103.3	75.8	33.3	—	—	—	—	—
Post-war credits outstanding and interest due—estimated	67.0	66.0	64.0	62.0	62.0	62.0	62.0	47.0	46.9	46.8	46.7
Revenue paid over in advance of collection	—	5.5	6.9	—	63.5	11.8	29.8	85.4	69.1	39.7	30.2
Inland Revenue	—	—	—	—	—	—	—	85.0	23.0	—	—
Customs and Excise	—	—	—	—	—	—	—	—	—	0.8	30.2
Broadcast receiving licences	—	5.4	5.5	—	0.7	3.5	4.8	—	—	—	—
Vehicle Excise Duty	—	—	—	—	—	7.9	—	—	—	—	—
National insurance surcharge—Great Britain	—	—	—	—	62.8	—	24.3	—	46.1	38.9	—
National insurance surcharge—Northern Ireland	—	0.1	1.4	—	—	0.4	0.7	0.4	—	—	—

Source HM Treasury

16.7
(continued)

Consolidated Fund and National Loans Fund: assets and liabilities
At 31 March in each year

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Consolidated Fund (continued)											
Promissory notes issued by Minister of Overseas Development	201.6	304.0	513.6	803.9	791.1	1 145.3	1 674.1	1 707.1	1 966.7	1 825.5	1 769.6
International Development Association	173.8	245.4	377.6	510.4	552.9	680.9	709.3	673.0	610.0	629.9	630.3
African Development Fund	2.5	1.6	10.0	9.4	18.8	23.2	29.3	34.9	34.5	41.9	44.1
Asian Development Bank	3.7	3.2	3.0	2.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Asian Development Fund	12.3	17.4	21.0	33.0	45.6	57.5	67.8	79.0	85.4	89.0	87.5
Caribbean Development Bank	—	—	—	—	0.1	0.3	0.5	0.8	1.0	0.8	0.7
European Community/International Development Association Special Action Account	—	—	63.0	61.0	37.0	24.5	7.2	—	—	—	—
European Investment Bank	—	—	—	47.3	31.8	87.9	86.1	70.6	51.7	149.1	147.8
Inter-American Development Bank	9.3	18.4	22.7	1.2	2.6	3.8	6.7	7.9	8.8	7.7	5.5
Fund for special operations	—	—	—	13.5	22.9	32.6	47.8	49.4	48.4	38.5	30.5
International Fund for Agricultural Development	—	18.0	16.2	16.2	15.4	13.2	14.7	16.1	15.3	11.0	17.8
International Bank for Reconstruction and Development	—	—	—	—	—	—	—	27.6	25.8	20.2	—
Special Development Fund	—	—	—	—	—	—	—	—	—	1.7	1.7
Other contributions and instalments due in respect of international subscriptions, etc.	—	—	—	109.2	60.5	217.9	701.2	744.3	1 082.3	832.2	800.2
National Loans Fund											
Total assets	67 165.8	79 179.9	86 884.9	95 314.2	113 036.0	118 390.4	127 927.3	142 885.2	158 028.5	171 367.2	185 731.8
Total National Loans Fund loans outstanding	27 898.7	29 348.2	29 511.4	31 399.1	34 799.7	35 023.4	39 411.0	42 794.7	42 503.8	48 861.2	52 804.9
Loans to nationalised industries:											
Post Office	3 344.1	3 305.5	3 323.6	3 139.1	3 148.4	190.6	178.6	174.4	172.3	170.1	170.1
National Coal Board	527.9	622.6	845.3	1 084.3	1 656.8	2 588.9	2 989.1	3 407.8	3 531.8	3 243.1	3 276.5
Electricity Council	3 396.1	3 286.5	3 279.8	4 116.7	4 413.0	3 963.7	3 988.3	3 276.3	2 578.5	3 275.4	2 617.5
North of Scotland Hydro-Electric Board	208.4	247.4	279.6	293.1	440.1	369.6	419.1	393.8	373.7	339.5	329.7
South of Scotland Electricity Board	461.7	474.4	436.4	503.3	457.6	670.5	739.7	843.6	768.1	732.4	638.4
British Gas Corporation	1 438.5	882.6	217.0	97.0	—	—	40.0	—	—	—	—
British Steel Corporation	712.6	929.0	767.5	558.9	509.3	—	—	—	—	—	—
British Airways Board	83.6	60.6	46.2	40.2	34.3	41.3	42.4	—	—	—	—
Civil Aviation Authority	50.8	63.7	76.0	80.8	82.9	73.8	73.8	69.3	59.5	78.7	78.0
British Airports Authority	64.2	63.5	62.8	62.2	61.5	62.3	57.6	52.9	48.2	43.5	—
British Railways Board	330.9	332.2	348.1	374.1	457.9	471.4	449.2	427.6	406.3	437.0	365.9
British Transport Docks Board	117.1	110.6	89.5	89.5	81.3	81.3	—	—	—	—	—
British Waterways Board	10.5	11.0	10.5	13.2	17.3	19.6	21.3	22.3	23.0	23.3	24.6
National Freight Corporation	153.1	153.1	100.0	100.0	—	—	—	—	—	—	—
National Bus Company	133.0	133.0	138.0	150.0	163.0	161.0	151.2	143.3	128.3	96.4	79.4
Scottish Transport Group	16.8	14.8	14.8	16.8	14.8	12.8	10.8	0.8	—	—	—
British National Oil Corporation	340.4	—	—	—	—	—	1.7	—	—	—	—
British Aerospace	—	17.1	15.3	35.5	32.6	28.6	—	—	—	—	—
British Shipbuilders	—	—	55.0	—	—	—	—	—	—	—	—
British Telecommunications	—	—	—	—	—	3 056.1	2 943.7	2 789.9	—	—	—
Regional water authorities	702.3	792.4	1 060.7	1 424.4	1 859.8	2 224.5	2 680.4	2 959.9	2 829.9	2 709.5	3 103.6
Loans to other public corporations:											
New Towns—Development Corporations and Commission	2 034.0	2 369.7	2 713.3	3 144.1	3 612.2	3 940.9	4 271.5	4 453.8	4 653.3	4 742.3	3 057.3
Scottish Special Housing Association	277.7	311.9	343.6	380.5	424.7	451.3	476.7	503.4	533.3	558.1	571.5
Housing Corporation	435.5	444.0	481.7	568.6	892.1	1 104.0	1 620.8	1 591.7	1 414.4	1 619.0	1 680.2
Covent Garden Market Authority	36.9	25.8	25.1	23.2	23.1	23.1	21.1	19.7	18.9	18.3	17.6
National Enterprise Board	100.6	931.4	624.9	84.5	34.2	3.3	1.4	2.0	—	—	—
Land Authority for Wales	2.1	4.8	5.5	6.4	7.2	7.5	8.6	7.3	7.2	8.0	7.0
Scottish Development Agency	0.4	2.0	4.5	9.4	7.6	6.5	8.7	9.7	9.6	9.5	8.7
Welsh Development Agency	0.3	3.2	4.7	6.3	5.2	5.7	5.1	4.6	4.2	4.5	4.9
Development Board for Rural Wales	—	3.3	7.5	12.2	16.5	20.7	25.2	29.3	34.6	41.0	8.3
Royal Mint	9.9	7.1	6.7	6.3	5.5	4.6	3.7	2.7	1.6	0.9	0.7
Royal Ordnance Factories	44.1	39.9	28.6	21.8	15.2	10.5	6.3	2.1	—	—	—
The Crown Suppliers	1.0	18.1	16.5	25.5	22.5	16.5	15.7	12.0	20.0	20.3	23.7
Crown Agents	—	—	—	30.0	30.0	20.8	20.3	19.8	19.1	18.3	17.4
Her Majesty's Stationery Office	—	—	—	—	75.1	75.9	69.8	63.0	56.3	49.6	41.2
Urban Development Corporations	—	—	—	—	—	0.7	1.0	0.6	0.4	1.0	1.1
Harbour authorities	155.7	162.6	171.1	172.7	175.9	167.0	158.9	120.5	112.5	80.7	69.9
Commonwealth Development Corporation	—	—	—	—	—	—	—	15.0	29.7	35.1	28.5
UK Atomic Energy Authority	—	—	—	—	—	—	—	—	—	—	85.0

Source HM Treasury

16.7

Consolidated Fund and National Loans Fund: assets and liabilities

United Kingdom

(continued) At 31 March in each year

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
National Loans Fund (continued)											
Loans to local authorities	11 924.0	12 950.7	13 254.8	14 015.3	15 272.4	14 126.6	16 866.6	20 294.3	23 612.8	29 374.3	35 305.1
Loans to private sector:											
Shipbuilding Industry Board	8.5	3.5	3.5	3.5	3.5	3.5	2.2	2.2	—	—	—
Shipowners (Ship credit scheme)	—	—	—	—	—	—	—	—	—	—	—
Housing associations	23.9	23.8	23.7	23.7	23.5	23.3	21.2	20.0	19.4	18.9	18.5
Building societies	17.4	11.5	8.2	4.6	2.2	—	—	—	—	—	—
British Nuclear Fuels Ltd	9.5	8.9	8.9	8.5	8.1	7.6	7.1	6.5	5.9	5.1	4.3
British Aerospace plc	—	—	—	—	—	—	24.6	20.6	16.6	12.6	8.6
Loans within central government:											
Northern Ireland Exchequer	649.3	450.8	537.7	598.8	639.2	653.8	707.7	798.5	924.7	1 024.1	1 091.4
Married quarters for armed forces	75.9	75.2	74.8	74.1	73.2	72.8	72.4	71.9	71.9	70.8	70.3
Town and country planning compensation	—	—	—	—	—	—	—	—	—	—	—
Redundancy Fund	—	—	—	—	—	260.8	207.5	161.6	—	—	—
Other assets:											
Exchange Equalisation Account—capital	2 500.0	8 650.0	6 800.0	6 600.0	5 200.0	1 600.0	—	—	—	2 300.0	3 650.0
Subscriptions and contributions to international financial organisations:											
International Monetary Fund	1 759.2	2 044.9	2 128.6	2 128.6	2 964.3	2 539.1	2 800.7	4 311.8	4 495.5	4 685.3	4 533.9
Victory bonds sinking fund—balance	—	—	—	—	—	—	—	—	—	—	—
Borrowing included in national debt but not brought to account by 31 March	897.9	21.4	1 046.6	347.9	2 022.6	755.2	893.1	1 113.7	—6.1	2 975.6	2 549.3
National Debt Commissioners' liability in respect of the National Savings Banks Investment Fund	—	—	—	—	1 611.9	1 285.6	80.5	33.6	14.1	—	—
Other	1.9	2.0	2.1	2.0	2.0	2.0	—	8.1	4 937.2	1 096.4	—
Consolidated Fund liability	34 108.1	39 113.4	47 396.1	54 836.6	66 435.5	77 185.1	84 742.1	94 623.3	106 084.0	111 448.6	122 193.7
Total liabilities											
National Loans Fund—national debt outstanding	67 165.8	79 179.9	86 884.9	95 314.2	113 036.0	118 390.4	127 927.3	142 885.2	158 028.5	171 367.2	185 731.8

Source HM Treasury

16.8

British government and government guaranteed marketable securities¹Nominal values of official and other holdings by maturity²

At 31 March in each year

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total holdings	42 503	52 112	59 340	70 985	86 475	91 150	96 414	108 589	120 057	130 073	136 519
Up to 5 years	15 664	19 209	21 574	24 233	25 484	25 470	27 635	34 513	41 753	43 666	40 678
Over 5 and up to 15 years	6 644	9 022	12 473	16 772	27 574	34 297	36 490	46 892	47 648	50 701	56 289
Over 15 years (including undated)	20 195	23 881	25 293	29 980	33 417	31 383	32 289	27 184	30 656	35 706	39 552
Official holdings:											
Total	5 690	8 616	7 815	10 688	10 939	9 616	8 739	7 994	6 861	8 312	9 590
Up to 5 years	2 536	4 091	4 033	5 796	4 528	3 106	3 520	2 749	2 483	4 285	3 979
Over 5 and up to 15 years	1 554	2 121	2 290	2 878	4 953	5 235	3 695	4 324	3 581	3 092	3 360
Over 15 years (including undated)	1 600	2 404	1 492	2 014	1 458	1 275	1 524	921	797	935	2 251
Other holdings:											
Total	36 813	43 496	51 525	60 297	75 536	81 534	87 675	100 595	113 196	121 761	126 929
Up to 5 years	13 128	15 118	17 541	18 437	20 956	22 364	24 115	31 764	39 270	39 381	36 699
Over 5 and up to 15 years	5 090	6 901	10 183	13 894	22 621	29 062	32 795	42 568	44 067	47 609	52 929
Over 15 years (including undated)	18 595	21 477	23 801	27 966	31 959	30 108	30 765	26 263	29 859	34 771	37 301

¹ The government guaranteed securities of nationalised industries only. A relatively small amount of other government guaranteed securities is excluded.

² Securities with optional redemption dates are classified according to the final redemption date.

Source Bank of England

16.9

National savings
Year ended 31 March

£ million

	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Department for National Savings											
Receipts											
Total ¹	2 683.9	2 924.6	2 804.5	3 914.0	5 898.3	5 211.8	5 302.5	5 701.2	4 519.0	6 392.2	5 960.2
National savings certificates:											
Fixed interest	471.7	1 234.7	798.3	1 074.3	2 054.7	1 380.9	1 451.0	2 107.8	731.0	1 249.4	408.2
Index-linked	214.5	244.4	632.7	1 173.8	1 990.3	638.3	186.3	106.5	217.7	164.6	245.3
Income bonds	—	—	—	—	—	893.1	1 126.4	1 081.1	1 201.5	2 204.7	2 117.2
Index-income bonds	—	—	—	—	—	—	—	—	4.9	18.8	6.4
Deposit bonds	—	—	—	—	—	—	108.3	137.1	130.3	246.1	227.6
Investment account ²	943.8	386.4	440.3	803.2	992.5	1 346.3	1 447.9	1 255.8	1 199.5	1 468.0	1 801.9
Ordinary account	672.3	669.6	661.7	569.8	576.3	639.8	667.8	667.0	651.3	642.5	664.0
Yearly plan	—	—	—	—	—	—	—	27.7	107.1	125.6	131.8
Premium savings bonds	156.0	191.2	124.5	165.0	148.5	178.1	190.2	204.3	184.9	207.3	296.3
Save as you earn:											
Fixed interest (1st, 2nd and 4th issues)	6.0	3.6	1.4	0.1	4.7	11.5	18.0	23.7	34.4	41.2	52.7
Index-linked (3rd issue)	84.2	100.1	114.8	127.6	131.3	123.8	106.6	90.2	56.4	24.0	8.8
British savings bonds	135.4	94.6	30.8	0.2	—	—	—	—	—	—	—
Repayments											
Total ¹	1 256.7	2 009.5	2 191.0	2 485.2	3 012.0	3 698.2	3 777.5	4 649.3	4 717.0	5 304.7	6 041.6
National savings certificates:											
Fixed interest — Principal	207.0	239.4	522.4	632.3	722.5	513.8	453.3	776.6	713.7	959.2	1 243.2
— Accrued interest	75.6	93.7	183.5	251.8	305.2	201.1	210.6	341.1	371.3	574.3	826.2
Index-linked — Principal	39.4	44.0	57.9	111.8	208.0	821.2	672.6	527.6	521.8	611.9	415.9
— Accrued interest/ index-linking, bonuses and supplements	8.1	7.3	16.7	47.8	89.1	276.5	199.7	216.9	283.4	347.6	288.1
Income bonds	—	—	—	—	—	1.8	60.7	243.2	311.6	391.4	634.2
Indexed-income bonds	—	—	—	—	—	—	—	—	—	2.1	4.3
Deposit bonds	—	—	—	—	—	—	0.1	17.3	44.3	59.4	105.0
Investment account ²	172.0	750.2	312.5	334.3	670.8	770.3	1 085.4	1 391.1	1 341.6	1 312.1	1 530.5
Ordinary account	577.5	623.1	776.6	733.7	695.6	678.2	722.8	770.1	773.0	742.4	732.2
Yearly plan:											
Principal	—	—	—	—	—	—	—	0.1	3.4	7.8	10.8
Interest	—	—	—	—	—	—	—	—	—	—	0.5
Premium savings bonds	74.1	76.6	119.0	108.7	103.9	98.6	102.2	110.5	119.6	124.2	130.9
Save as you earn:											
Fixed interest — Principal	17.5	36.3	33.2	10.4	8.8	1.7	1.5	4.7	7.5	26.2	20.4
— Accrued interest	5.8	17.4	15.5	4.7	4.0	0.5	0.1	0.6	1.3	6.6	4.5
Index-linked — Principal	3.3	5.2	6.2	56.9	50.8	157.5	118.1	120.3	155.4	102.7	66.8
— Accrued interest/ index-linking	0.2	0.5	0.8	22.9	18.0	87.2	54.4	49.7	51.2	35.4	27.9
British savings bonds:											
Before maturity	34.4	82.4	117.6	77.6	32.9	16.0	6.3	2.0	—	—	—
On maturity	41.8	33.4	29.1	92.3	102.4	73.8	89.7	77.5	17.9	1.4	0.2
Trustee Savings Bank											
(not included in above figures)											
Receipts											
Total	2 783.0	2 785.9	1 334.6	—	—	—	—	—	—	—	—
Save as you earn:											
Fixed interest (1st and 2nd issues only)	7.4	4.5	2.8	—	—	—	—	—	—	—	—
Ordinary department ³	2 775.6	2 781.4	1 331.8 ³	—	—	—	—	—	—	—	—
British savings bonds	—	—	—	—	—	—	—	—	—	—	—

1 Excludes Ulster Savings Certificates.

2 Investment Account contributes to the funding of PSBR/CGBR from January 1981.

3 From 21 November 1979 the Ordinary and New departments of the Trustee Savings Banks amalgamated and will no longer be part of National Savings.

4 Including National Savings stamps and gift tokens and securities on the National Savings register, which (except for British savings bonds) do not appear in the first part of the table.

5 Including accrued interest to date.

6 Nominal value held in National Savings section.

7 From September 1979 excludes £7.7 million deemed to be outstanding National Savings stamps written off on 15 August 1979.

8 Nominal value held (until 1979) in Trustee Savings Banks section.

Source Department for National Savings

16.9

National savings

Year ended 31 March

(continued)

	£ million										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
TSB not included above (contd.)											
Repayments											
Total	2 754.0	2 980.7	1 538.8	36.0	27.0	2.5	—	—	—	—	—
Save as you earn:											
Fixed interest — Principal	11.8	28.0	32.1	11.5	10.1	2.1	—	—	—	—	—
— Accrued interest	3.5	12.3	13.8	4.7	4.6	0.4	—	—	—	—	—
Ordinary department	2 723.6	2 911.6	1 460.6	—	—	—	—	—	—	—	—
British savings bonds:											
Before maturity	9.4	14.9	13.7	2.5	0.1	—	—	—	—	—	—
On maturity	5.7	13.9	18.6	17.3	12.2	—	—	—	—	—	—
Department for National Savings											
Interest accruing											
Total ¹	456.3	562.4	829.7	1 112.0	1 363.3	1 524.7	1 752.4	2 020.4	2 304.7	2 277.5	2 116.1
National savings certificates:											
Fixed interest	192.3	260.6	351.6	428.9	483.2	648.1	815.3	1 000.4	1 137.8	1 151.8	969.3
Index-linking (including bonuses and supplements)	67.1	74.8	190.8	270.8	401.9	332.1	364.1	361.3	389.3	308.8	285.1
Deposit bonds	—	—	—	—	—	—	1.5	17.8	37.8	51.1	74.1
Investment account ²	104.1	119.8	174.4	246.0	353.1	380.2	438.6	511.6	608.2	640.4	653.0
Ordinary account	76.2	83.0	87.0	83.0	81.2	70.5	78.6	79.5	78.2	75.2	71.7
Yearly plan	—	—	—	—	—	—	—	—	3.8	11.8	23.2
Save as you earn:											
Fixed interest (1st, 2nd and 4th issues)	9.0	10.7	5.2	1.6	2.0	0.8	1.9	3.7	5.5	8.7	9.2
Index-linked (3rd issue)	7.6	13.5	20.7	81.7	41.9	93.0	52.4	46.1	44.1	29.7	30.5
Amounts remaining invested											
Total administered by DNS ⁴	10 055.7	11 649.7	13 393.7	15 983.3	20 320.0	23 328.8	26 611.8	29 755.9	31 843.2	35 171.9	37 181.9
National savings certificates											
Fixed interest — Principal	2 778.6	3 782.9	4 058.8	4 500.6	5 832.8	6 699.9	7 697.6	9 028.8	9 046.1	9 336.3	8 501.3
— Accrued interest	677.8	844.7	1 012.8	1 189.9	1 367.9	1 814.9	2 419.6	3 078.9	3 845.4	4 422.9	4 566.0
Index-linked — Principal	617.0	817.4	1 392.2	2 454.2	4 236.5	4 053.6	3 567.3	3 146.2	2 842.1	2 394.8	2 224.2
— Bonuses and supplements/index-linking	118.5	186.0	360.1	583.1	895.9	951.5	1 115.9	1 260.3	1 366.2	1 327.4	1 324.4
Income bonds	—	—	—	—	—	891.3	1 957.0	2 794.9	3 684.8	5 498.1	6 981.1
Indexed-income bonds	—	—	—	—	—	—	—	—	4.9	21.6	23.7
Deposit bonds	—	—	—	—	—	—	109.7	247.3	371.1	608.9	805.6
Investment account ⁵	1 547.2	1 303.2	1 605.4	2 320.3	2 995.1	3 951.3	4 752.4	5 126.8	5 592.9	6 389.2	7 313.6
Ordinary account ⁵	1 719.4	1 848.9	1 821.0	1 740.1	1 702.0	1 734.1	1 757.7	1 734.2	1 690.7	1 666.0	1 669.5
Yearly plan:											
Capital	—	—	—	—	—	—	—	27.6	133.9	255.3	380.7
Interest	—	—	—	—	—	—	—	—	1.2	9.4	27.8
Premium savings bonds	1 285.2	1 399.8	1 405.3	1 461.6	1 506.2	1 585.7	1 673.7	1 767.5	1 832.8	1 915.9	2 081.3
Save as you earn:											
Fixed interest — Principal	85.2	52.5	20.7	10.4	6.3	16.1	32.6	51.6	78.5	93.5	125.8
— Accrued interest	22.7	16.0	5.7	2.6	0.6	0.9	2.7	5.8	10.0	12.1	16.8
Index-linking — Principal	166.7	261.6	370.2	440.9	521.4	487.7	476.2	446.1	347.1	268.4	210.4
— Accrued interest/index linking	10.6	23.6	43.5	102.3	126.2	132.0	130.0	126.4	119.3	113.6	116.2
British savings bonds	719.0	706.8	590.8	421.1	285.8	196.0	100.0	20.5	2.6	1.2	1.0
Stock on the National savings register (DNS only) ⁶	298.3	398.3	706.0	755.1	842.1	812.5	818.1	891.7	872.3	836.0	811.2
National savings stamps and gift tokens ⁷	9.5	8.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Trustee Savings Bank											
Interest accruing											
Total	65.2	74.9	30.0	0.1	1.7	0.3	—	—	—	—	—
Save as you earn:											
Fixed interest (1st and 2nd issues only)	8.1	15.2	4.4	0.1	1.7	0.3	—	—	—	—	—
Ordinary department	57.1	59.7	25.6	—	—	—	—	—	—	—	—
Amounts remaining invested											
Total Trustee Savings Bank	2 259.7	2 109.0	63.4	27.5	2.3	—	—	—	—	—	—
Save as you earn:											
Fixed interest — Principal	76.5	53.0	23.7	12.2	2.1	—	—	—	—	—	—
— Interest	14.1	17.0	7.6	3.0	0.2	—	—	—	—	—	—
Ordinary department ⁵	1 735.2	1 664.8	—	—	—	—	—	—	—	—	—
British savings bonds	93.2	64.4	32.1	12.3	—	—	—	—	—	—	—
TSB stock register ⁶	340.7	309.8	—	—	—	—	—	—	—	—	—

See footnotes on page 266

Source Department for National Savings

16.10

Income tax: allowances and reliefs

	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84 ¹	1984/85	1985/86	1986/87	1987/88	1988/89
Personal allowances											
Married man's allowance ¹	£1 535	£1 815	£2 145	£2 145	£2 445	£2 795	£3 155	£3 455	£3 655	£3 795	£4 095
Single person's allowance	£985	£1 165	£1 375	£1 375	£1 565	£1 785	£2 055	£2 205	£2 335	£2 425	£2 605
Wife's earned income allowance ²	£985	£1 165	£1 375	£1 375	£1 565	£1 785	£2 055	£2 205	£2 335	£2 425	£2 605
Age allowance ³ :											
Married (either partner over 65 but neither partner over 80)	£2 075	£2 455	£2 895	£2 895	£3 295	£3 755	£3 955	£4 255	£4 505	£4 675	£5 035
Married (either partner over 80)	£2 075	£2 455	£2 895	£2 895	£3 295	£3 755	£3 955	£4 255	£4 505	£4 845	£5 205
Single (over 65 but under 80)	£1 300	£1 540	£1 820	£1 820	£2 070	£2 360	£2 490	£2 690	£2 850	£2 960	£3 180
Single (over 80)	£1 300	£1 540	£1 820	£1 820	£2 070	£2 360	£2 490	£2 690	£2 850	£3 070	£3 310
Income limit	£4 000	£5 000	£5 900	£5 900	£6 700	£7 600	£8 100	£8 800	£9 400	£9 800	£10 600
Marginal fraction	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Child allowance ⁴ :											
Aged under 11	£100	—	—	—	—	—	—	—	—	—	—
Aged 11–15	£135	—	—	—	—	—	—	—	—	—	—
Aged 16 and over	£165	—	—	—	—	—	—	—	—	—	—
Limits of child's income:	£500	—	—	—	—	—	—	—	—	—	—
Family allowance deduction ⁵	£55	—	—	—	—	—	—	—	—	—	—
Additional personal allowance ⁶	£550	£650	£770	£770	£880	£1 010	£1 150	£1 250	£1 320	£1 370	£1 490
Widow's bereavement allowance ⁷	—	—	£770	£770	£880	£1 010	£1 150	£1 250	£1 320	£1 370	£1 490
Dependent relative allowance ⁸ :											
Maintained by single woman	£145	£145	£145	£145	£145	£145	£145	£145	£145	£145	—
Other cases	£100	£100	£100	£100	£100	£100	£100	£100	£100	£100	—
— Limit of relative's income	£950	£1 090	£1 284	£1 458	£1 601	£1 708	£1 804	£1 901	£1 901	£1 901	—
Daughter's or son's services allowance ⁹	£55	£55	£55	£55	£55	£55	£55	£55	£55	£55	—
Housekeeper allowance ¹⁰	£100	£100	£100	£100	£100	£100	£100	£100	£100	£100	—
Blind person's allowance ¹¹ :											
Single or married (one spouse blind)	£180	£180	£180	£360	£360	£360	£360	£360	£360	£540	£540
Married (both spouses blind)	£360	£360	£360	£720	£720	£720	£720	£720	£720	£720	£720
Life assurance relief¹²											
	1977/78 to 1978/79										
Total allowable premiums	Amount of premiums upon which tax relief at basic rate allowed										
Not over £10	All										
Over £10 but not over £20	£10										
Over £20	1/2										
Life assurance relief¹³											
(Percentage of gross premium)		17.5	17.5	15.0	15.0	15.0		15.0 or Nil	15.0 or Nil	15.0 or Nil	15.0 or Nil

- 1 The married man's allowance is that for a full year. In the year of marriage the allowance is reduced by one twelfth of the difference between the married and single personal allowances for each complete month (beginning on the sixth day of each calendar month) prior to the date of marriage.

2 The wife's earned income allowance has as its maximum value the amount shown. Where the earned income is less, the allowance is reduced to the actual amount of earned income.

3 The age allowance. It replaces the single or married allowances, provided the taxpayer's income is below the limit shown. For incomes in excess of the limit, the allowance is reduced by £2 for each additional £3 of income until the ordinary single or married allowance is reached.

4 The child allowance depends upon the age of the child at the start of the tax year (6 April). Where the child's income exceeds the limit shown, the child allowance is reduced by the excess. For unmarried children under 18, there is a further limit of £115 investment income. From 1978–79, special rules apply in respect of certain students and certain children resident overseas. All child allowances were discontinued from 1982–83.

5 The family allowance deduction was a reduction in personal allowances for each child for whom a family allowance was received. Where the family allowance was payable for only part of the year, the family allowance deduction was reduced accordingly.

6 The additional personal allowance may be claimed by a single parent (or by a married man if his wife is totally incapacitated) who maintains a resident child at his or her own expense.
- 7 Widow's bereavement allowance is due to a widow in the year of her husband's death and in the following year provided the widow has not remarried before the beginning of that year.

8 The dependent relative allowance is due to a taxpayer who maintains, wholly or partially, either (a) an aged or infirm relative, or (b) his or his wife's separated, divorced or widowed mother. The relative's income must be below the limits shown in order for the full allowance to be given (the limit is equal to the basic National Insurance Retirement Pension). The allowance is reduced by the excess of the relative's income over the income limit.

9 The daughter's or son's services allowance may be claimed by an aged or infirm taxpayer who maintains a daughter or son (before 1978–79 a daughter only) on whose services the taxpayer or his wife are dependent.

10 The housekeeper allowance may be claimed by a widow or widower who has a resident housekeeper (before 1978–79 a female housekeeper only). For 1978–79 and earlier years this allowance could also have been claimed by an unmarried person who maintained a resident relative (before 1978–79 a female relative only) to look after a brother or sister for whom child allowance was given.

11 The blind person's allowance is due to a registered blind taxpayer and up to 1980/81 was reduced by the amount of any tax-free blindness disability pension which was receivable.

12 From 1979–80 relief on life assurance premiums is given by deduction from the premium payable.

13 From 1984–85 life assurance relief is confined to policies made before 14 March, 1984.

Source Board of Inland Revenue

16.11 Rates of income tax

	1979/80		1980/81		1981/82		1982/83		1983/84	
	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent
	£		£		£		£		£	
Lower rate ¹	1–750	25	—	—	—	—	—	—	—	—
Basic rate	751–10 000	30	1–11 250	30	1–11 250	30	1–12 800	30	1–14 600	30
Higher rates	10 001–12 000	40	11 251–13 250	40	11 251–13 250	40	12 801–15 100	40	14 601–17 200	40
	12 001–15 000	45	13 251–16 750	45	13 251–16 750	45	15 101–19 100	45	17 201–21 800	45
	15 001–20 000	50	16 751–22 250	50	16 751–22 250	50	19 101–25 300	50	21 801–28 900	50
	20 001–25 000	55	22 251–27 750	55	22 251–27 750	55	25 301–31 500	55	28 901–36 000	55
	over 25 000	60	over 27 750	60	over 27 750	60	over 31 500	60	over 36 000	60
Investment income surcharge ²	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent
	£		£		£		£		£	
Non-aged persons										
Exempt slice	1–5 000	—	1–5 500	—	1–5 500	—	1–6 250	—	1–7 100	—
	over 5 000	15	over 5 500	15	over 5 500	15	over 6 250	15	over 7 100	15
Aged persons										
Exempt slice	1–5 000	—	1–5 500	—	1–5 500	—	1–6 250	—	1–7 100	—
	over 5 000	15	over 5 500	15	over 5 500	15	over 6 250	15	over 7 100	15
	1984/85		1985/86		1986/87		1987/88		1988/89	
	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent	Slice of taxable income	Rate per cent
	£		£		£		£		£	
Lower rate ¹	—	—	—	—	—	—	—	—	—	—
Basic rate	1–15 400	30	1–16 200	30	1–17 200	29	1–17 900	27	0–19 300	25
Higher rates	15 401–18 200	40	16 201–19 200	40	17 201–20 200	40	17 901–20 400	40		
	18 201–23 100	45	19 201–24 400	45	20 201–25 400	45	20 401–25 400	45		
	23 101–30 600	50	24 401–32 300	50	25 401–33 300	50	25 401–33 300	50		
	30 601–38 100	55	32 301–40 200	55	33 301–41 200	55	33 301–41 200	55		
	over 38 100	60	over 40 200	60	over 41 200	60	over 41 200	60	over 19 300	40
Investment income surcharge ³	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent	Slice of net investment income	Rate per cent
	£		£		£		£		£	
Non-aged persons										
Exempt slice	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—
Aged persons										
Exempt slice	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

1 The lower rate slice applies additionally to wife's earned income, but any increase is deducted from the slice of total income chargeable at the basic rate.

2 Chargeable in addition to any basic or higher rates of tax where an individual's investment income exceeded the limits shown.

3 Investments income surcharge was abolished from 1984/85 onwards.

Source Board of Inland Revenue

16.12

Rateable values
England and Wales
At April in each year

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Number of properties											
(Thousands)											
Total—all classes	21 371.8	21 634.9	21 876.3	22 102.5	22 291.1	22 463.1	22 621.6	22 827.7	23 032.3	23 243.4	23 456.1
Domestic: total	17 761.4	17 984.9	18 199.0	18 405.5	18 578.4	18 736.7	18 873.8	19 055.6	19 238.3	19 429.1	19 621.2
Houses and flats with rateable values:											
Not over £75	1 523.5	1 459.5	1 408.2	1 366.2	1 323.5	1 291.5	1 267.8	1 249.6	1 234.1	19 102.6 ¹	19 301.9
Over £75 but not over £100	1 291.7	1 290.1	1 288.4	1 287.0	1 286.2	1 285.5	1 288.3	1 292.2	1 295.8		
Over £100	14 578.5	14 873.8	15 143.3	15 396.6	15 618.1	15 814.3	15 976.6	16 177.4	16 376.3		
Agricultural dwelling-houses, etc.	367.7	361.6	359.1	355.7	350.6	345.3	341.2	336.4	332.0	326.5	319.4
Commercial: total	3 007.0	3 039.2	3 062.5	3 079.7	3 092.3	3 102.9	3 120.7	3 138.2	3 156.0	3 171.8	3 241.9
Shops and cafes	592.2	585.3	580.2	574.9	570.1	567.2	566.2	566.5	567.3	567.9	569.0
Offices	171.8	172.5	174.0	175.3	177.3	179.7	182.9	186.6	191.3	197.1	202.9
Other	2 243.0	2 281.4	2 308.3	2 329.5	2 344.9	2 355.9	2 371.7	2 385.1	2 397.4	2 406.8	2 415.3
On-licensed premises: total	55.4	55.3	55.1	55.0	54.9	54.8	54.8	55.1	54.9	54.8	54.9
Entertainment and recreational: total	72.2	72.9	73.6	74.1	74.7	75.3	76.1	76.8	77.3	77.8	78.7
Cinemas	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.8
Theatres and music-halls	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
Other	70.5	71.3	72.0	72.6	73.2	73.9	74.7	75.4	75.9	76.5	77.0
Public utility: total	39.2	39.0	39.0	39.0	38.8	38.5	38.6	38.5	38.7	38.6	38.5
Educational and cultural: total	42.1	42.3	42.3	42.3	42.2	42.1	41.8	41.6	41.3	41.0	40.8
Miscellaneous: total	290.2	297.2	300.4	301.7	302.9	304.9	306.6	311.2	313.6	316.7	320.9
Industrial: total	104.3	104.1	104.4	105.2	106.9	107.9	109.1	110.7	112.3	113.6	114.7
Value of assessments											
(£ million)											
Total—all classes	6 934.7	7 058.0	7 181.9	7 317.8	7 441.5	7 552.6	7 641.4	7 730.7	7 822.2	7 915.1	8 025.2
Domestic: total	3 393.4	3 459.2	3 519.7	3 578.5	3 630.7	3 678.2	3 719.2	3 766.6	3 814.5	3 864.6	3 916.4
Houses and flats with rateable values:											
Not over £75	85.4	82.4	79.8	77.6	75.4	73.8	72.7	71.8	71.0	3 793.2 ¹	3 845.3
Over £75 but not over £100	114.2	114.1	114.0	114.0	113.7	113.8	114.0	114.4	114.7		
Over £100	3 119.1	3 187.8	3 251.2	3 312.4	3 367.5	3 417.4	3 459.7	3 507.9	3 557.0		
Agricultural dwelling-houses, etc.	74.6	74.8	74.7	74.5	74.1	73.3	72.8	72.5	71.9	71.4	71.1
Commercial: total	1 627.2	1 654.8	1 698.8	1 746.6	1 792.8	1 847.6	1 897.3	1 946.2	1 988.8	2 037.5	2 143.2
Shops and cafes	588.9	590.5	594.4	600.8	607.4	615.2	621.1	628.1	634.1	638.5	644.6
Offices	558.0	570.9	595.2	618.7	637.2	660.3	681.7	702.8	722.1	748.1	768.0
Other	480.3	493.4	509.2	527.1	548.2	572.1	594.5	615.3	632.6	650.9	666.0
On-licensed premises: total	63.8	63.5	63.6	64.0	65.1	65.8	65.5	64.4	63.8	63.9	64.5
Entertainment and recreational: total	71.4	72.8	74.1	75.7	77.3	79.4	81.3	83.6	85.0	86.4	88.2
Cinemas	4.6	4.3	4.1	4.0	3.9	3.8	3.8	3.6	3.4	3.3	3.1
Theatres and music-halls	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.1	2.1	2.1	2.1
Other	65.1	66.9	68.3	70.0	71.6	73.7	75.6	77.9	79.5	81.0	82.9
Public utility: total	379.2	391.0	392.8	398.3	407.7	406.1	406.7	407.6	412.6	409.8	423.1
Educational and cultural: total	226.2	233.3	238.9	242.2	244.3	244.6	243.9	242.0	240.4	239.2	237.9
Miscellaneous: total	387.6	402.8	413.6	428.6	436.4	444.2	450.0	455.4	462.3	468.9	478.2
Industrial: total	786.1	780.6	780.4	784.0	787.2	786.8	777.5	764.8	754.7	744.8	738.8

1 The detailed breakdown of the various rateable value bands for houses and flats is no longer available.

Source Board of Inland Revenue

16.13

Local authorities: gross loan debt outstanding¹ At 31 March in each year²

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
United Kingdom											
Total debt ³	29 787	31 831	33 586	36 715	38 810	41 607	44 392	..	..	..	..
Public Works Loan Board	11 893	12 931	13 214	13 994	15 259	14 111	16 846	20 250	23 527	29 288	35 252
Northern Ireland Consolidated Fund ³	244	238	229	238	238	225	215	204	199	198	195
Other debt	17 650	18 662	20 143	22 483	23 313	27 271	27 331	..	..	..	..
England and Wales											
Total debt	25 839	27 694	29 112	31 802	33 796	35 862	38 116	40 816	42 266	42 540	45 548
of which Public Works Loan Board	10 409	11 285	11 434	12 100	13 124	12 129	14 331	17 310	20 141	24 887	29 901
Scotland											
Total debt	3 908	4 096	4 430	4 864	5 465	5 878	6 201	6 658	7 009	7 256 ⁴	7 684 ⁴
of which Public Works Loan Board	1 484	1 646	1 780	1 894	2 135	1 982	2 515	2 940	3 386	4 401	5 345
Northern Ireland											
Total debt ³	40	41	44	49	58	66	67	71	74	75	82

1 The sums shown exclude inter-authority loans and debt transfers, and temporary loans and overdrafts obtained for the purpose of providing for current expenses. No deduction has been made in respect of sums held in sinking funds for the repayment of debt.

2 At 15 May for Scotland up to 1975.

3 The Northern Ireland Loans Fund was abolished on 1 April 1983 and its functions transferred to the Northern Ireland Consolidated Fund.

4 Provisional.

Sources Department of the Environment; Scottish Office, Central Statistics Unit; Public Works Loan Board; Department of the Environment for Northern Ireland; Welsh Office

16.14

Expenditure and income of local authorities: summary Years ended 31 March

	£ million										
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
United Kingdom											
Total expenditure:											
On capital works	4 881.8	4 552.0	4 787.4	5 517.4	5 861.0	5 637.1	6 911.0	7 868.0	..	..	..
Other	19 146.8	20 948.9	23 917.4	28 332.4	34 109.8	37 633.8	40 715.6	43 468.6	..	..	..
Total income ¹	24 328.5	25 841.7	28 747.5	33 524.1	40 121.4	44 189.6	47 899.0	50 409.6	..	..	..
England and Wales											
Total expenditure:											
On capital works	4 337.9	4 039.3	4 229.8	4 837.6	5 176.0	4 903.3	6 111.8	6 918.0	7 228.7	6 443.1	6 666.3
Other	17 132.6	18 768.2	21 409.8	25 264.9	30 337.5	33 441.0	36 142.3	38 573.3	40 544.5	42 138.3	44 783.4
Total income ¹	21 804.5	23 155.2	25 734.8	29 979.7	35 915.8	39 311.2	42 617.6	44 718.7	46 602.7	48 581.4	49 873.3
Scotland											
Total expenditure:											
On capital works	532.0	499.3	542.4	658.5	660.9	707.3	763.6	918.8	840.0	777.1	912.2
Other	1 963.5	2 123.2	2 442.3	2 985.9	3 675.5	4 082.2	4 241.1	4 566.5	4 794.1	5 048.2	5 352.0
Total income ¹	2 455.1	2 617.0	2 934.4	3 449.8	4 085.5	4 742.2	5 146.1	5 559.6	5 585.6	6 048.2	6 236.1
Northern Ireland											
Total expenditure:											
On capital works	11.9	13.4	15.2	21.3	24.1	25.1	24.1	29.2	25.2	33.3	25.0
Other	50.6	57.4	65.3	81.6	96.8	110.6	121.9	133.1	143.3	153.2	154.1
Total income ¹	68.9	69.5	78.3	94.6	120.1	136.2	151.1	165.3	168.8	151.6	142.8

1 Including government grants.

Sources Department of the Environment; Scottish Office, Central Statistics Unit; Department of the Environment for Northern Ireland; Welsh Office

16.15

Revenue account expenditure of local authorities¹
England and Wales
Years ended 31 March

	£ thousand									
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	18 768 136	21 409 787	25 264 875	30 337 528	33 441 014	36 142 271	38 573 342	40 544 521	42 138 362	44 783 398
Education	7 031 701	7 965 754	9 117 703	10 959 016	12 067 947	12 694 348	13 315 708	13 847 423	14 543 279	15 830 234
Libraries, museums and art galleries	225 313	253 864	292 225	348 875	383 711	418 829	449 830	476 978	511 738	546 860
Local authority port health	2 342	2 541	2 995	3 359	3 752	3 950	4 107	4 281	4 492	4 290
Personal social services	1 267 077	1 441 032	1 755 420	2 155 468	2 387 807	2 609 425	2 805 816	2 975 712	3 179 720	3 473 265
Sheltered employment and workshops	20 593	23 678	27 153	27 590	30 077	34 498	39 567	44 252	47 845	51 969
Police including school crossing patrols	1 129 410	1 272 409	1 639 616	1 979 491	2 343 472	2 600 177	2 852 148	3 336 832	3 269 169	3 653 573
Fire service	252 334	305 880	378 473	451 336	515 080	573 469	624 376	677 370	730 910	783 013
Administration of justice	129 583	146 351	179 827	233 629	269 498	295 782	319 827	343 968	372 339	408 616
Refuse collection and disposal	373 342	428 142	532 309	632 169	667 880	704 935	718 788	739 527	792 951	815 216
Agriculture and fisheries	70 980	77 758	90 209	100 023	123 398	132 687	144 871	153 078	150 286	186 780
Local transport	1 300 338	1 472 100	1 708 626	2 086 930	2 353 479	2 574 827	2 679 754	2 766 627	2 690 078	2 789 027
Parks and open spaces ²	458 355	527 278	648 079	770 001	832 813	935 228	1 019 267	1 105 067	1 219 350	1 292 082
Environmental health ²	185 159	213 404	270 513	332 638	353 124	383 218	407 269	425 828	444 906	477 735
Cemeteries and crematoria	38 310	42 835	51 791	62 435	67 662	73 292	77 808	80 831	84 998	90 353
Town and country planning	271 980	301 549	383 700	494 567	537 104	573 639	649 960	683 829	736 779	712 303
Housing to which the Housing Revenue Account relates	2 589 771	3 048 656	3 787 707	4 564 027	4 840 523	5 087 065	5 197 414	5 472 814	5 921 884	5 943 738
Other housing	699 287	761 268	836 368	933 627	904 599	926 476	1 422 253	1 832 746	1 922 983	2 428 967
Trading services:										
Passenger transport ³	99 916	108 910	135 402	162 365	172 819	182 556	193 970	201 750	207 770	—
Harbours, docks and piers	29 783	36 498	43 360	47 390	51 788	51 888	52 245	45 853	47 601	49 143
Other trading services	303 698	436 894	410 288	503 706	570 818	658 182	744 595	773 012	905 900	804 272
Other rate fund services	460 688	507 726	591 058	679 419	816 105	900 665	1 047 593	1 135 816	1 309 794	1 339 875
Expenditure on general administration and all other expenditure and transfers ⁴	1 828 176	2 035 260	2 382 053	2 809 467	3 147 558	3 727 135	3 806 176	3 420 927	3 043 590	3 102 087
Total loan charges included in expenditure above	3 209 299	3 643 648	4 428 819	5 132 094	5 360 460	5 281 623	5 038 198	5 031 808	5 331 273	5 533 395
Allocated to:										
Rate fund services	1 460 936	1 611 855	1 873 994	2 132 841	2 257 041	2 178 073	1 997 302	2 201 900	1 962 944	2 550 690
Housing revenue	1 663 204	1 940 889	2 448 960	2 876 539	2 953 678	2 911 281	2 859 447	2 632 679	3 168 914	2 789 490
Trading services	85 159	90 904	105 865	122 714	149 741	192 269	181 449	197 229	199 415	193 215
Debt repayments included in table 16.16	367 661	413 756	346 961	425 926	587 906	669 533	588 438	499 807	373 394	348 813

1 Expenditure of superannuation and statutory special funds is not included.

2 Baths and laundries are included with parks and open spaces, and from 1978/79 swimming baths are included with parks and open spaces; and other public baths and public laundries are included with environmental health.

3 Due to deregulation of Passenger Transport Services this information was not supplied for 1986/87.

4 Rate fund contributions to the Housing Revenue Account are included.

Source Department of the Environment; Welsh Office

16.16

Capital account expenditure of local authorities¹

England and Wales

Years ended 31 March

	£ thousand									
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	4 039 338	4 229 785	4 837 638	5 176 038	4 903 289	6 111 775	6 918 015	7 228 696	6 437 079	6 666 333
Education	364 741	332 811	367 542	477 762	431 177	474 214	486 234	538 909	569 803	604 588
Libraries, museums and art galleries	10 644	11 991	15 122	24 743	20 504	29 248	40 993	56 218	50 469	44 091
Local authority port health	—	80	3	62	16	17	213	96	5	7
Personal social services	51 232	61 598	77 801	101 437	99 751	104 002	110 958	122 318	124 879	133 514
Sheltered employment and workshops	870	1 046	1 304	1 136	1 362	2 685	2 029	1 972	2 843	3 567
Police including school crossing patrols	43 077	44 204	42 120	36 267	58 877	80 519	94 909	99 833	108 186	110 932
Fire service	10 349	10 321	11 736	17 493	21 426	32 238	37 966	36 874	34 749	29 763
Administration of justice	13 859	8 901	8 926	11 365	9 126	9 928	14 896	18 564	19 242	28 459
Refuse collection and disposal	27 973	28 869	40 890	60 082	55 240	64 192	62 950	60 670	53 098	55 429
Agriculture and fisheries	44 618	61 850	96 113	90 983	116 209	112 083	61 701	40 231	44 799	49 841
Local transport	352 973	368 846	459 415	610 937	606 653	700 783	794 341	829 967	757 331	740 469
Parks and open spaces ²	70 300	82 868	116 370	169 385	140 858	202 835	243 756	274 294	223 710	250 664
Environmental health ²	6 614	8 521	13 283	16 227	10 912	18 499	13 159	13 275	13 224	15 438
Cemeteries and crematoria	1 529	2 016	2 765	3 629	3 490	6 464	5 987	4 994	4 904	6 339
Town and country planning	120 265	132 392	178 258	236 453	199 936	297 993	324 062	359 578	391 168	372 291
Housing to which the Housing Revenue Account relates	1 866 667	1 890 746	2 055 639	1 868 996	1 707 558	2 106 908	2 251 937	2 537 721	2 268 944	2 301 576
Other housing	823 024	897 721	999 972	976 741	942 139	1 201 398	1 736 308	1 519 019	1 071 788	1 055 738
Trading services:										
Passenger transport ³	12 220	13 512	13 345	16 437	15 377	11 963	12 259	7 933	8 919	25 422
Harbours, docks and piers	6 169	6 626	9 697	16 125	12 313	12 012	10 601	8 318	13 941	10 340
Other trading services	88 316	97 907	144 895	221 860	225 339	268 211	280 150	291 468	282 032	208 398
Other rate fund services	56 970	86 698	94 602	86 352	89 122	126 339	144 446	166 451	142 727	301 492
General administration	66 928	80 261	87 840	131 566	135 904	249 244	188 160	239 993	250 320	317 981

1 Expenditure met out of loans, government grants for capital works, sales of property, etc. and sums repaid to lenders or transferred to sinking funds out of unexpected balances of loans and other capital receipts.

2 Baths and laundries are included with parks and open spaces and from 1978/79 swimming baths are included with parks and open spaces; and other public baths and public laundries are included with environmental health.

3 From 1986/87 grants and advances to Public Transport Companies are included.

Sources Department of the Environment; Welsh Office

16.17

Water authority expenditure

England and Wales

	£ million (current prices)										
	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Revenue expenditure¹											
Water resources	24.9	30.5	36.9	45.2	48.0	50.4	51.1	52.4	54.4	57.1	—
Water supply	283.3	326.3	382.4	452.6	492.9	529.6	553.8	576.8	594.8	629.4	—
Sewerage	68.9	81.2	100.8	122.6	135.7	151.0	156.6	158.7	163.0	162.5	—
Sewage treatment/disposal	177.7	204.2	248.7	293.2	321.3	343.9	357.8	363.1	378.1	392.0	—
Environmental services:											
Water quality regulation	8.3	9.8	11.9	14.0	15.8	15.8	17.2	17.1	17.5	18.9	—
Pollution alleviation	1.2	1.2	1.8	2.1	2.5	3.2	3.4	4.0	4.3	4.9	—
Recreation and amenity	2.6	3.5	4.3	5.1	5.9	5.7	6.2	6.3	6.4	8.6	—
Navigation	1.9	2.3	2.6	3.2	3.7	3.9	4.5	4.1	4.4	4.5	—
Fisheries	3.7	4.3	5.3	6.3	6.9	7.2	7.8	8.1	8.3	8.7	—
Land drainage and flood protection	28.7	33.0	39.0	44.2	48.7	51.7	56.4	53.9	55.6	63.4	—
Capital expenditure											
Water resources	55.6	56.3	49.2	55.9	41.2	38.7	35.3	27.5	30.4	25.7	26.5
Water supply	136.4	148.8	164.1	177.5	194.0	212.8	266.0	260.0	290.9	346.0	420.8
Sewerage	150.3	162.0	171.8	204.5	191.6	216.3	233.4	237.3	268.7	297.8	307.8
Sewage treatment/disposal	109.2	110.4	126.5	143.1	148.4	153.5	153.4	147.0	165.2	188.7	214.4
Land drainage	40.8	52.5	72.2	80.9	84.1	74.1	68.2	57.8	49.8	67.3	71.9
Environmental services	2.4	3.7	4.8	5.0	4.8	4.2	4.0	3.2	5.5	6.7	10.8
Other	19.2	17.5	17.0	26.2	32.6	46.4	64.1	65.0	78.8	114.3	134.4

1 Excludes depreciation and interest charges.

2 The Revenue Expenditure Series is discontinued from 1987/88.

Source Water Authorities Association

16.18

Income of local authorities: classified according to source¹
England and Wales
Years ended 31 March

	£ thousand										
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total income	21 804 105	23 155 238	25 734 853	29 979 696	35 915 804	39 311 213	42 617 618	44 718 738	46 602 225	45 098 275	49 873 343
Capital income: total	4 374 681	4 132 824	4 341 816	5 001 245	5 555 754	5 488 790	7 306 638	7 708 054	7 360 997	7 007 915	7 559 298
Loans	3 254 021	2 815 850	2 751 052	3 135 903	3 050 494	2 668 918	3 572 576	3 806 320	3 632 215	3 206 909	3 061 905
Government grants	269 434	213 975	380 089	412 140	524 812	508 922	456 845	424 148	374 296	401 810	372 767
Sales and other sources	851 226	1 102 999	1 210 675	1 453 202	1 980 448	2 310 950	3 277 217	3 477 586	3 354 486	3 399 208	4 124 626
Revenue income: total	17 429 424	19 022 414	21 393 037	24 978 451	30 360 050	33 822 423	35 310 980	37 010 684	39 241 728	38 090 360	42 314 045
Rates	4 151 034	4 686 733	5 166 634	6 122 518	7 845 479	9 450 945	10 693 917	10 907 676	11 792 986	13 768 154	14 821 223
Government grants	8 639 836	9 138 334	10 103 779	11 684 364	13 784 425	13 998 687	14 246 491	16 106 399	17 165 363	16 385 455	18 831 610
Miscellaneous income including rents, tolls, fees and interest	4 638 554	5 197 347	6 122 624	7 171 569	8 730 146	10 372 791	10 370 572	9 996 609	10 283 379	7 936 751	8 661 212

1 Expenditure of superannuation and statutory special funds is not included.

Sources Department of the Environment; Welsh Office

16.19

Income of local authorities from government grants including grants for capital works
England and Wales
Years ended 31 March

	£ thousand										
	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	8 909 270	9 352 309	10 483 868	12 096 504	14 309 237	14 507 609	14 703 336	16 875 648	17 539 659	16 787 246	19 231 895
Allocated to specific services:											
Education	260 431	395 356	459 663	534 881	665 279	769 811	694 028	752 147	783 066	775 367	1 000 617
Libraries, museums and art galleries	596	730	1 190	1 643	1 914	2 689	2 878	3 426	3 729	4 328	5 048
Personal social services	11 822	13 790	16 236	21 682	27 417	29 187	33 791	40 825	40 575	37 641	45 969
Sheltered employment and workshops	5 419	4 508	5 872	6 015	6 847	7 672	9 342	9 795	11 193	12 724	13 841
Police including school crossing patrols	454 759	503 483	554 951	717 714	859 959	1 033 595	1 130 067	1 227 906	1 504 499	1 400 283	1 598 631
Fire service	21	3	9	9	42	55	128	119	151	98	391
Administration of justice	85 343	93 068	105 098	129 161	172 863	196 957	216 088	228 708	249 171	270 477	271 443
Refuse collection and disposal	97	958	1 130	602	621	797	550	492	460	2 222	408
Agriculture and fisheries	29 990	25 238	44 377	58 986	65 026	73 576	66 113	14 207	10 694	15 404	17 518
Local transport	292 958	300 921	292 045	369 527	458 834	436 285	515 440	468 500	328 025	226 975	133 367
Parks and open spaces ¹	8 978	7 741	13 545	17 461	22 162	23 968	27 128	29 761	32 957	41 073	47 638
Environmental health ¹	1 950	1 562	2 530	3 870	4 313	2 817	3 255	3 008	3 611	2 747	2 983
Cemeteries and crematoria	101	12	53	59	75	47	96	99	141	42	19
Town and country planning	20 138	22 755	33 553	35 332	43 344	43 436	68 831	91 848	112 858	132 100	120 522
Housing to which the Housing Revenue Account relates ²	1 048 523	1 141 639	1 322 009	1 637 489	1 867 979	1 273 442	1 058 408	2 000 853	2 105 541	2 057 350	2 528 408
Other housing	258 335	215 232	377 591	390 355	483 535	461 646	520 486	1 041 986	1 427 574	1 630 417	1 661 198
Trading services:											
Passenger transport ³	4 966	5 769	7 331	7 714	8 341	7 369	4 146	4 359	3 913	9 802	—
Harbours, docks and piers	255	606	964	862	837	291	245	1 151	130	223	741
Other trading services	3 529	4 718	9 835	13 177	16 735	24 331	37 088	25 085	21 582	20 315	18 129
Other services	12 324	18 775	17 285	27 092	31 067	39 907	48 478	76 677	68 192	57 533	86 347
Not allocated to specific services:											
Local Government Acts grants	6 408 452	6 595 196	7 218 301	8 122 377	9 571 553	10 079 109	10 265 908	10 853 748	10 830 612	10 088 913	11 677 705
Local taxation licence duties	284	249	300	496	494	622	842	948	985	960	972

1 Baths and laundries are included with parks and open spaces and from 1978/79 swimming baths are included with parks and open spaces, and other public baths and public laundries are included with environmental health.

2 Includes the rent rebate subsidy.

3 Due to deregulation of Passenger Transport Services this information was not supplied for 1986/87.

Sources Department of the Environment; Welsh Office.

16.20

Expenditure of local authorities

Scotland

Year ended 31 March

Out of revenue¹

£ thousand

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	1 892 140	2 049 118	2 369 475	2 881 365	3 536 791	3 926 170	4 241 068	4 566 462	4 794 090	5 048 188	5 351 981
Rate Fund Services	1 467 035	1 593 182	1 860 261	2 276 196	2 799 715	3 131 773	3 385 945	3 580 249	3 744 950	3 862 915	4 097 987
Education	674 604	721 565	830 182	975 555	1 190 993	1 331 560	1 423 903	1 487 339	1 535 138	1 588 425	1 691 333
Libraries, museums and galleries	19 448	21 563	26 603	32 282	40 263	45 639	49 423	53 745	57 390	61 907	64 161
Social work	119 799	129 846	156 542	196 210	249 554	277 681	299 742	319 029	338 848	369 017	383 840
Law, order and protective services	134 434	141 053	166 171	213 441	254 434	294 266	325 742	359 383	388 309	402 458	437 168
Roads ²	124 448	153 237	180 185	229 117	299 278	320 862	359 423	368 793	385 018	404 427	425 932
Environmental services ³	112 995	125 292	153 591	189 645	228 933	237 974	246 121	261 484	274 190	289 276	297 278
Planning	35 504	36 112	39 617	49 851	58 948	60 008	64 592	71 706	72 907	79 500	92 444
Leisure and recreation	67 373	74 193	91 371	114 378	133 956	146 218	157 651	167 269	173 643	182 057	195 626
Central administration	71 748	74 359	92 127	114 370	143 483	163 741	161 549	172 563	170 818	178 696	207 347
Other services ³	35 256	41 832	50 999	56 782	79 123	103 451	124 774	131 925	142 681	152 215	160 991
Other rate fund expenditure ⁴	71 426	74 130	72 873	104 565	120 750	150 373	173 025	187 013	206 008	154 937	141 867
Housing	404 299	431 536	469 851	578 271	689 972	745 431	819 026	941 484	1 025 160	1 098 802	1 166 619
Trading Services	92 232	98 530	112 236	131 463	167 854	205 016	209 122	231 742	229 988	241 408	229 242
Water supply	57 628	59 111	65 817	79 243	101 395	117 672	119 561	122 508	127 685	134 660	135 237
Passenger transport	20 912	23 034	28 917	30 249	36 682	36 836	39 703	43 488	45 876	47 017	27 833
Ferries	745	812	898	1 504	2 090	2 283	2 485	2 890	3 037	3 542	3 594
Harbours, docks and piers	1 099	1 436	8 602	11 497	14 822	33 297	31 225	37 332	41 291	43 433	47 689
Airports	131	170	323	404	1 216	1 364	1 632	1 793	1 543	1 366	1 315
Road bridges	2 338	3 187	2 621	2 936	3 275	5 672	4 321	4 873	4 819	5 057	5 179
Slaughterhouses	2 382	2 538	3 001	3 492	4 152	3 937	4 659	10 608	4 068	3 789	4 438
Markets	833	937	975	1 107	1 213	1 630	1 822	1 777	1 717	1 744	1 878
Other trading services ³	6 164	7 305	1 082	1 031	3 009	2 325	3 714	6 473	—48	800	2 079
Loan Charges (included above): total	496 778	514 770	577 199	713 930	846 434	898 174	935 023	940 254	1 011 951	1 093 108	1 105 995
Allocated to: Rate fund services	195 914	204 572	233 458	293 982	349 889	365 594	388 838	393 532	423 245	466 597	478 185
Housing	272 872	281 667	308 015	379 867	445 701	467 086	478 552	470 701	513 030	544 053	541 880
Trading services	27 992	28 531	35 726	40 081	50 844	65 494	67 633	76 021	75 676	82 458	85 930

On capital works⁵

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	532 022	499 287	542 109	658 485	660 868	707 305	763 625	929 438	839 994	777 147	912 229
Rate Fund Services	263 721	228 699	243 955	299 614	293 966	320 396	336 346	358 684	360 236	402 025	401 338
Education	88 294	75 789	58 241	56 761	58 857	66 545	60 827	55 282	53 274	58 612	54 226
Libraries, museums and galleries	3 854	4 617	6 007	7 602	8 927	10 513	8 427	4 894	4 330	4 834	4 518
Social work	10 971	8 119	8 724	11 688	12 244	13 314	14 397	18 959	22 471	21 827	18 028
Law, order and protective services	10 253	9 973	10 308	11 908	12 795	10 541	12 956	15 485	15 723	20 324	21 286
Roads	52 108	46 487	58 123	77 724	78 479	96 348	107 328	112 128	111 310	134 684	144 324
Environmental services ³	43 084	40 331	48 374	64 347	61 024	61 329	55 326	64 576	64 637	64 285	68 858
Planning	25 827	20 553	24 910	28 578	23 761	21 718	29 661	29 687	24 528	32 873	26 762
Leisure and recreation	15 946	12 201	13 810	20 663	19 766	19 237	20 304	25 433	22 748	28 188	26 104
Central administration	11 455	8 386	6 830	12 633	10 539	10 111	16 919	16 374	23 088	21 346	22 788
Other services ³	1 929	2 243	8 628	7 710	7 574	10 740	10 201	15 866	18 127	15 052	14 444
Housing	234 734	229 413	243 956	293 763	311 010	329 276	373 464	519 266	431 703	325 511	461 099
Trading Services	33 567	41 175	54 198	65 108	55 892	57 633	53 815	51 488	48 055	49 611	49 792
Water supply	20 500	21 317	27 803	37 968	35 757	37 664	38 492	39 422	37 412	38 352	41 583
Passenger transport	3 495	1 990	3 658	3 238	4 700	5 264	5 575	5 636	4 489	1 160	1 414
Ferries	36	71	221	881	843	1 925	879	745	1 999	1 841	639
Harbours, docks and piers	5 842	14 768	21 140	20 373	8 646	7 730	6 404	3 334	2 159	6 701	3 917
Airports	253	215	64	294	268	123	161	314	455	193	123
Road bridges	425	727	21	121	371	1 929	398	878	478	962	1 633
Slaughterhouses	1 941	1 165	860	1 979	3 725	2 587	426	380	342	127	17
Markets	447	326	31	21	7	—	117	81	216	2	171
Other trading services ³	628	596	400	233	1 575	411	1 363	698	505	273	295

¹ Gross expenditure less inter-authority and inter-account transfers.² Including rate fund support for transport (LA and non-LA).³ Burial grounds and Crematoria were treated as trading services for 1976/77 and 1977/78, and were included amongst 'Other trading services'. In 1978/79, 1979/80 and 1980/81 they were included amongst 'Environmental services'.

From 1981/82 they were included amongst 'Other services'.

⁴ Rate fund contributions to Housing and Trading Services (excluding transport) and public water requisitions.⁵ Expenditure out of loans, government grants and other capital receipts.⁶ Provisional.

Source Scottish Office, Central Statistics Unit

16.21

Income of local authorities: classified according to source

Scotland

Year ended 31 March

£ thousand

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total income	2 455 125	2 617 020	2 934 460	3 449 800	4 085 530	4 670 759	5 146 090	5 559 613	5 585 641	6 048 157	6 236 119
Revenue account											
Rates ¹	470 905	544 656	616 555	716 966	938 618	1 255 542	1 427 243	1 377 275	1 420 354	1 609 148	1 717 558
Government grants											
RSG: Needs element	665 600	705 900	822 400	946 400	1 256 300	1 376 300	1 434 600	1 493 150	1 442 300	1 391 300	1 380 800
Resources element	167 800	177 300	204 900	234 900	180 900	152 900	207 900	210 800	215 000	205 900	184 200
Domestic element	42 200	49 700	13 400	13 500	13 800	14 100	14 300	14 300	14 400	102 900	91 300
Rate rebate grant	18 480	21 548	19 063	24 511	28 786	52 790	55 000	145 550	160 820	223 129	220 527
Specific grants and subsidies	238 738	242 017	265 572	345 136	412 348	375 039	387 857	471 892	521 332	582 653	631 343
Sales	21 840	31 125	25 968	33 027	35 491	46 433	42 009	41 931	44 185	42 190	49 327
Fees and charges ⁴	85 898	98 895	125 306	146 217	182 892	217 037	233 440	255 272	768 420	823 112	882 645
Other income ⁴	210 846	246 089	298 161	329 379	372 407	469 548	571 607	617 713	155 832	173 616	163 297
Capital account											
Sale of fixed assets	6 016	8 416	21 936	22 616	38 022	75 042	128 482	144 719	138 345	130 831	133 988
Loans	489 460	453 664	481 862	583 444	566 914	574 655	562 501	693 851	608 797	656 869	694 680
Government grants	8 773	12 941	10 837	18 673	31 628	32 726	32 139	35 518	37 242	36 476	47 595
Revenue contributions to capital	8 888	8 392	10 678	16 217	12 392	11 635	13 157	17 688	9 358	6 722	10 781
Transfers from special funds	761	1 932	1 343	1 234	709	1 094	1 319	3 442	945	1 473	1 881
Other receipts	18 920	14 445	16 479	17 580	14 323	15 918	34 536	36 512	48 311	61 838	26 197

1 Excluding Government grants towards rate rebates and domestic element of rate support grant (RSG) but including payments in lieu of rates under Part V of The Local Government Act 1948 for years to 1977/78. Including domestic water rate receipts.

2 Excluding certificated rate rebates paid in respect of supplementary benefit recipients. In prior years such sums were included with rate income, but are now part of rate rebate grant.

3 Provisional.

4 Prior to 1984/85 rents are treated as other income from 1984/85 onwards rents are included with fees and charges.

Source Scottish Office, Central Statistics Unit

16.22

Income of local authorities from government grants¹

Scotland

Year ended 31 March

£ thousand

	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	1 141 585	1 209 406	1 336 171	1 583 465	1 923 742	2 005 210	2 113 095	2 371 210	2 391 088	2 542 319	2 555 747
Rate fund services	63 840	72 833	82 411	107 875	135 668	153 343	167 318	182 062	190 594	202 313	223 462
Education	134	696	3 174	1 776	2 247	2 564	3 549	3 208	4 170	4 365	5 235
Libraries, museums and galleries	3	35	200	905	2 371	2 827	2 030	39	150	286	94
Social work	902	680	934	797	1 169	1 553	2 265	2 295	2 968	3 427	2 166
Law, order and protective services	47 704	51 225	59 708	75 173	90 443	105 695	117 032	125 194	137 232	140 796	155 876
Roads and transport	3 346	4 781	2 902	7 871	13 727	8 735	13 349	18 302	11 200	17 261	27 169
Environmental services	987	2 889	2 550	5 235	6 030	9 174	6 213	6 270	6 233	6 615	5 370
Planning	6 287	6 377	6 331	7 139	7 167	7 215	7 305	7 323	8 223	7 173	2 859
Leisure and recreation	1 685	1 391	1 767	1 584	1 220	1 538	1 682	1 025	582	1 321	769
Central administration	3	7	57	13	20	7	42	10	28	15	107
Other rate fund services	2 789	4 752	4 788	7 382	11 274	14 035	13 851	18 396	19 808	21 054	23 817
Housing	178 853	176 626	188 085	248 184	299 990	248 456	227 874	317 241	360 162	408 637	444 131
Trading services	4 812	5 499	5 912	8 095	8 298	7 911	6 103	8 107	7 812	8 140	11 327
Water supply	2 802	3 951	3 700	6 321	6 352	4 874	2 671	5 714	6 336	4 981	7 737
Ferries	—	60	257	243	250	450	10	264	690	953	597
Other trading services	2 010	1 488	1 955	1 531	1 696	2 587	3 422	2 129	786	2 206	2 993
Grants not allocated to specific services ²	894 080	954 448	1 059 763	1 219 311	1 479 786	1 595 500	1 711 800	1 863 800	1 832 520	1 923 229	1 876 827

1 Including grants for capital works.

2 Rate support grant and rate rebates grant.

Source Scottish Office, Central Statistics Unit

16.23

Expenditure of local authorities
Northern Ireland
Years end 31 March

Out of revenue and special funds

£ thousand

	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	43 094	50 593	57 366	65 267	81 599	96 828	110 557	121 856	133 056	143 346	153 223	154 142
Libraries, museums and art galleries	6	22	28	44	50	113	218	271	321	493	485	517
Environmental health services:												
Refuse collection and disposal	6 473	7 618	9 086	10 295	12 337	14 932	15 871	17 986	19 463	20 360	21 854	22 733
Public baths	1 977	2 410	3 006	3 114	3 191	3 762	3 957	4 630	3 980	3 705	3 503	3 649
Parks, recreation grounds, etc.	5 650	8 072	10 390	12 928	16 739	20 834	25 274	30 338	35 397	40 059	45 336	49 491
Other sanitary services	5 966	6 319	6 741	7 352	8 593	10 467	11 619	12 980	14 053	15 389	16 834	18 210
Housing (grants and small dwellings acquisition) ¹	1 147	1 111	1 122	1 094	1 241	1 466	1 369	1 345	1 825	1 593	1 498	1 354
Trading services:												
Gas supply	12 486	13 313	13 835	16 363	21 789	23 061	25 337	25 773	25 338	26 105	24 613	18 896
Cemeteries	897	1 072	1 231	1 348	1 640	2 065	2 418	2 508	2 622	2 816	3 089	3 221
Other trading services (including markets, fairs and harbours)	1 635	1 852	2 056	1 990	2 495	3 681	4 047	4 313	5 024	5 570	6 051	5 589
Miscellaneous	6 857	8 804	9 871	10 739	13 524	16 447	20 447	21 712	25 033	27 256	29 960	30 482
Total loan charges	4 564	5 292	5 526	5 757	7 018	9 068	10 236	11 538	11 257	12 111	13 836	12 484
Loan charges included in terms of expenditure above:												
Allocated to rate fund services	1 928	2 513	2 865	3 216	3 793	4 963	6 113	7 071	7 484	8 749	10 628	9 869
Allocated to trading services	2 104	2 239	2 137	2 024	2 643	3 401	3 437	3 717	2 519	2 335	2 280	1 825
Not allocated	532	540	524	517	582	704	686	750	1 254	1 027	928	790

On capital works ¹

	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	13 371	11 879	13 377	15 163	21 318	24 079	25 078	24 073	29 192	25 176	33 102	24 226
Libraries, museums and art galleries	10	6	17	1	—	94	120	65	88	232	585	411
Environmental health services:												
Refuse collection and disposal	621	1 611	892	737	1 233	1 337	1 964	2 170	2 801	1 231	1 954	1 490
Public baths	856	744	450	354	787	1 205	811	454	1 249	596	556	359
Parks, recreation grounds, etc.	6 164	5 051	6 824	8 080	9 957	11 675	11 395	11 985	16 155	16 103	21 443	15 406
Other sanitary services	368	343	275	642	689	554	742	719	829	739	766	499
Housing (including small dwellings acquisition) ¹	1 301	1 004	850	1 100	1 815	965	639	211	484	262	242	264
Trading services:												
Gas supply	1 250	782	528	757	419	421	282	648	646	391	214	4
Cemeteries	33	78	61	58	28	139	280	103	343	470	402	388
Other trading services (including markets, fairs and harbours)	195	319	563	1 149	2 983	3 215	3 113	2 679	2 864	1 403	2 204	1 506
Miscellaneous	2 573	1 941	2 917	2 285	3 407	4 474	5 732	5 041	3 733	3 749	4 736	3 907

¹ Expenditure met out of loans, government grants for capital works, sales of property and other capital receipts.

Source Department of the Environment for Northern Ireland

16.24

Income of local authorities: classified according to source
Northern Ireland
Years ended 31 March

	£ thousand											
	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total income	60 671	68 907	69 565	78 285	94 584	120 114	136 219	151 064	165 348	168 786	190 145	179 700
Capital receipts: total	12 442	11 441	11 428	12 631	15 214	19 420	21 676	23 502	23 274	22 114	29 701	23 656
Loans	5 117	3 970	3 279	3 871	5 831	9 616	9 533	8 296	7 854	8 028	11 724	11 124
Government grants	5 029	4 712	5 049	6 192	6 824	6 778	7 604	9 878	9 022	8 854	11 073	6 407
Other sources	2 296	2 759	3 100	2 568	2 559	3 026	4 539	5 328	6 398	5 232	6 904	6 125
Other income: total	31 952	39 634	37 947	41 675	48 826	61 513	73 019	83 684	95 758	98 374	103 047	112 368
Rates	20 388	25 397	27 130	30 376	35 532	45 579	54 261	60 924	67 382	68 353	71 453	79 882
Government grants	8 009	9 292	10 267	10 754	12 695	15 196	18 045	17 844	22 445	28 993	30 711	31 499
Housing ¹												
Grants and small dwellings acquisition	593	596	550	545	599	738	713	729	1 237	1 028	883	987
Miscellaneous income	2 962	4 349	4 671	5 304	7 147	7 963	9 415	11 306	12 501	15 228	17 521	18 652
Trading services ²												
Total (capital and revenue)	16 277	17 832	15 519	18 675	23 397	31 218	32 109	32 572	33 815	33 070	39 876	25 024
Gas: total	14 210	15 423	12 601	15 118	18 275	24 342	24 666	26 056	25 016	25 604	31 840	18 110
Loans	1 217	616	701	451	174	272	308	392	56	9	150	4
Government grants	2 764	2 404	494	3 374	5 774	9 712	8 887	10 916	11 118	11 419	17 537	6 358
Miscellaneous	10 229	12 403	11 406	11 293	12 327	14 358	15 471	14 748	13 842	14 176	14 153	11 756
Cemeteries: total	190	297	298	317	359	507	830	637	919	1 049	1 046	1 023
Loans	14	59	38	28	10	78	170	20	294	150	173	284
Government grants	—	3	—	—	—	—	4	15	85	50	42	33
Miscellaneous	176	235	260	289	349	429	656	602	540	849	831	706
Other trading: total	1 877	2 112	2 620	3 240	4 763	6 369	6 613	5 879	7 880	6 417	6 990	5 891
Loans	102	155	436	888	2 153	1 700	1 522	824	948	307	598	343
Government grants	146	140	52	556	307	1 346	1 551	1 453	1 970	755	189	257
Miscellaneous	1 629	1 817	2 132	1 796	2 303	3 323	3 540	3 602	4 962	5 355	6 203	5 291

1 Including annuity repayments made by borrowers under the Small Dwellings Acquisition scheme.

2 Reclassified in 1975/76.

Source Department of the Environment for Northern Ireland

16.25

Income of local authorities from government grants¹: classified according to services
Northern Ireland
Years ended 31 March

	£ thousand											
	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87
Total	15 948	16 551	15 862	20 586	25 600	33 032	36 091	44 293	49 334	50 071	59 552	44 554
Allocated to specific services:												
Environmental health services	6 635	5 873	6 602	7 353	8 027	8 118	8 951	12 190	11 838	11 820	14 123	9 225
Housing	842	672	560	546	539	438	318	16	—	—	—	—
Other services	3 372	2 871	1 135	4 529	7 136	12 329	12 420	14 072	15 051	14 013	19 670	8 536
Not allocated to specific services ²	5 099	7 135	7 565	8 158	9 898	12 147	14 402	18 015	22 445	24 238	25 759	26 793

1 Including grants for capital works.

2 Assistance to local authorities under various Local Government Acts.

Source Department of the Environment for Northern Ireland

17 Banking, Insurance, etc.

Public sector borrowing requirement

Table 17.7

Net non-deposit sterling liabilities

This comprises changes in the sterling component of capital and internal funds and reserves of all monetary sector institutions, *less* their sterling investments in UK banks and other non-financial sterling assets, together with residual errors arising from the exclusion of sterling transactions between institutions within the sector. This item replaces 'Net non-deposit liabilities' which comprised changes in both sterling and foreign currency items. Total net non-deposit liabilities (in sterling and foreign currency) are shown in Table 17.4.

External and foreign currency counterparts

This now includes changes in the foreign currency component of capital, internal funds and reserves of all monetary sector institutions, *less* their foreign currency investments in UK banks and other non-financial assets in currencies other than sterling: these items were formerly included in 'Net non-deposit liabilities'. Changes in these items are calculated in transactions terms, that is after an adjustment has been made for the estimated effect of changes in the sterling value of foreign currencies.

17.1 Bank of England

	£ million										
	1977 Dec 14	1978 Dec 13	1979 Dec 12	1980 Dec 10	1981 Dec 9	1982 Dec 8	1983 Dec 14	1984 Dec 12	1985 Dec 11	1986 Dec 10	1987 Dec 9
Issue Department											
Liabilities:											
Notes in circulation	8 019	9 122	10 089	10 611	11 001	11 271	12 152	12 610	12 612	13 259	13 901
Notes in Banking Department	6	28	11	14	24	4	8	10	8	11	9
Assets:											
Government securities ¹	7 095	8 085	8 635	8 430	6 329	3 217	4 699	1 888	938	1 890	9 545
Other securities	930	1 065	1 465	2 195	4 696	8 058	7 461	10 732	11 682	11 380	4 365
Banking Department											
Liabilities:											
Total ²	2 237	2 250	1 999	1 162	2 039	2 754	2 356	2 595	2 328	2 618	3 053
Public deposits ³	23	25	20	33	40	41	44	99	83	83	88
Special deposits ⁴	1 185	1 099	805	—	—	—	—	—	—	—	—
Bankers deposits ⁵	428	423	462	487	482	647	650	787	848	949	1 044
Reserves and other accounts	586	689	697	627	1 503	2 051	1 647	1 694	1 382	1 572	1 907
Assets:											
Total	2 237	2 251	2 000	1 162	2 039	2 754	2 356	2 595	2 328	2 618	3 053
Government securities	1 591	1 848	1 462	447	433	456	383	460	579	614	599
Advances and other accounts	486	206	161	175	1 026	1 283	947	894	719	900	815
Premises, equipment and other securities	153	169	365	526	556	1 011	1 018	1 231	1 022	1 093	1 630
Notes and coin	6	28	12	15	24	4	8	10	8	11	9

1 Including the historic liability of the Treasury of £11 million.

2 The only liability not shown separately is the Bank's capital (held by the Treasury) which has been constant at £14.6 million.

3 Excluding local authorities' and public corporations' deposits, which are included under Reserves and other accounts.

4 Deposits called from institutions are not at their free disposal. Until 19 August 1981, all banks and finance houses which observed the common reserve ratio were liable for calls to lodge special deposits. With effect from 20 August 1981 only reporting institutions with eligible liabilities of £10 million or more

are liable for special deposit calls. This item also includes deposits under the supplementary special deposits scheme which was in force on three occasions before 1980.

5 Up to 19 August 1981 these constituted the current accounts held at the Bank by the banks and discount houses. From the introduction of new arrangements for monetary control on 20 August, they consist of operational deposits held mainly by the clearing banks and non-operational cash ratio deposits for which recognised banks and licensed deposit takers are liable.

Source Bank of England

17.2 Bank clearing¹

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Credit clearing: total	31 607	36 887	43 497	51 808	61 480	62 563	67 978	69 478	72 616	80 426	91 980
Debit clearing: total	2 599 495	2 847 030	3 616 555	4 458 326	4 835 414	5 771 350	6 800 818	7 544 555	8 143 884	8 939 234	9 184 717
Bankers' clearing house: total	2 598 298	2 845 901	3 615 313	4 456 893	4 835 414	5 771 350	6 800 818	7 544 555	8 143 884	8 939 234	9 184 717
Town	2 336 486	2 544 254	3 258 830	4 051 203	4 403 794	5 291 926	6 257 551	6 922 420	7 463 677	8 173 039	8 324 927
General	261 812	301 647	356 483	405 690	431 620	479 424	543 267	622 135	680 207	766 195	859 790
Provincial clearing houses: total	1 197	1 129	1 242	1 433	2	2	2	2	2	2	2

1 Figures are not strictly comparable throughout owing to changes in the composition of the clearings. This table includes only inter-bank clearings.

2 Data no longer collected.

Source Bankers' Clearing House

17.3

UK monetary sector: liabilities and assets outstanding¹
End-year

£ million

	1976	1977	1978	1979	1980	1981 ²	1982	1983	1984	1985	1986	1987
Liabilities												
Total	136 289	144 850	167 408	199 591	233 403	332 039	411 602	480 369	604 477	589 880	704 182	728 637
Public sector deposits												
Sterling	1 034	1 424	1 313	1 258	1 606	2 063	3 159	3 220	3 987	5 067	6 672	7 715
Other currencies ³	73	124	102	117	154	202	282	308	431	287	306	304
Private sector deposits												
Sterling	33 525	36 313	41 846	47 719	57 571	73 825	80 892	90 443	100 414	114 905	138 345	172 118
Other currencies ³	3 896	4 151	4 799	5 202	6 189	9 849	12 717	16 376	20 946	20 134	28 601	30 774
Overseas sector deposits												
Sterling	3 966	5 615	5 476	8 475	11 477	14 413	18 892	23 369	29 661	33 923	39 491	47 923
Other currencies	86 801	89 558	105 046	127 347	145 684	217 904	279 510	327 338	423 956	382 082	453 924	426 290
Non-deposit liabilities (net)	6 994	7 665	8 826	9 473	10 722	13 783	16 150	19 315	25 082	33 482	36 844	43 513
Assets												
Total	136 289	144 850	167 408	199 591	233 403	332 039	411 602	480 369	604 477	589 880	704 182	728 640
Lending to public sector												
Sterling	11 801	13 633	13 478	14 980	17 325	22 650	20 322	18 389	19 299	17 274	16 242	15 984
Other currencies	3 529	3 751	3 151	2 325	1 485	1 000	1 170	1 399	2 011	1 938	1 860	1 038
Lending to private sector												
Sterling	28 501	31 922	36 759	45 280	54 907	68 322	82 910	97 521	112 206	131 888	161 727	203 990
Other currencies	6 993	7 422	8 088	8 326	8 852	15 616	20 038	24 735	38 028	35 505	44 611	46 858
Lending to overseas sector												
Sterling	3 767	4 232	5 094	5 073	7 853	11 196	14 339	17 257	23 108	25 653	31 457	37 202
Other currencies	81 698	83 890	100 838	123 607	142 981	213 255	272 823	321 068	409 825	377 622	448 285	423 568

1 At end-1981, in the quarterly series, the old banking sector was replaced by the new monetary sector. The UK monetary sector comprises the UK offices of institutions either recognised as banks or licensed to take deposits under the Banking Act 1979, together with the National Girobank, the Banking Department of the Bank of England, and those institutions (including branches of mainland banks) in the Channel Islands and the Isle of Man which have opted to participate in the new monetary control arrangements introduced in August 1981. Inter-bank items are excluded and adjustments made to allow for transit items. Figures for other currencies are affected by changes in exchange rates.

2 The introduction of the new monetary sector at end-1981 added about £9 850 to total assets and liabilities.

3 Before the introduction of new statistical returns during 1975 all UK residents' deposits in foreign currency were allocated to the private sector.

Source Bank of England

17.4

Banks: summary of monthly reporting institutions

£ million

	Second Wednesday in Dec.			Second Wednesday in Dec.				End Dec.		
	1979	1980		1981 ¹	1982	1983 ²	1984	1985	1986	1987
Liabilities			Liabilities							
Notes outstanding	498	554	Notes outstanding	625	716	836	917	995	1 145	1 266
Sterling deposits: total	76 915	90 354	Sterling deposits: total	109 906	134 649	156 794	180 119	208 572	253 557	304 220
Sight deposits			Sight deposits							
UK banking sector	3 710	2 299	UK monetary sector	3 458	5 887	7 637	7 789	9 746	11 298	9 306
UK Public sector	750	659	UK Public sector	823	992	1 118	1 078	1 244	1 927	2 314
UK Private sector	19 477	21 000	UK Private sector	23 023	26 662	32 532	39 318	48 471	63 263	79 101
Overseas	2 698	2 946	Overseas	3 137	3 748	4 699	5 392	6 770	8 067	10 533
Time deposits			Time deposits							
UK banking sector	15 607	15 377	UK monetary sector	20 728	28 542	28 358	35 450	40 540	45 838	52 573
UK Public sector	163	303	UK Public sector	460	1 119	1 245	1 237	1 790	2 699	4 097
UK Private sector	25 839	34 108	UK Private sector	41 124	44 796	53 843	55 735	61 491	70 441	80 683
Overseas	4 838	7 936	Overseas	10 458	14 377	17 570	22 890	25 703	30 195	35 916
Certificates of deposit (CD)	3 833	5 727	Certificates of deposit	6 695	8 525	9 792	11 230	12 818	19 829	29 697
Other currency deposits: total	169 497	193 374	Other currency deposits: total	288 379	376 259	439 301	534 136	499 530	591 173	543 860
Sight and time deposits			Sight and time deposits							
UK banking sector	36 737	42 727	UK monetary sector	64 614	84 887	87 389	98 692	92 656	101 033	85 675
Other United Kingdom	4 968	5 574	Other Public sector	9 663	12 081	15 483	19 041	19 019	27 893	30 264
Overseas	108 017	124 125	Overseas	173 678	221 993	265 972	336 754	323 730	384 874	356 645
Certificates of deposit	19 775	20 947	Certificates of deposit	40 424	57 299	70 457	79 648	64 125	77 373	71 276

1 From 1981 this table relates to the business of the United Kingdom offices of those members of the monetary sector which report on a monthly basis, other than members of the London Discount Market Association (LDMA), the Trustee savings banks and the Banking Department of the Bank of England. For a description of the background of these changes see the December 1981 *Bank of England Quarterly Bulletin*, page 531.

2 From 1983, the Trustee savings banks and the Banking Department of the Bank of England are included.

3 From 1983, market loans to UK public corporations and the UK private sector are included as advances.

Source Bank of England

17.4

Banks: summary of monthly reporting institutions

(continued)

£ million

	Second Wednesday in Dec.			Second Wednesday in Dec.				End Dec.		
	1979	1980		1981 ¹	1982	1983 ²	1984	1985	1986	1987
Sterling and other currencies Items in suspense and transmission	3 592	3 966	Sterling and other currencies Items in suspense and transmission	6 140	6 107	7 198	10 702	10 738	12 100	14 199
Capital and other funds	13 341	15 032	Capital and other funds	19 056	22 343	27 425	33 749	41 916	49 206	54 859
Total liabilities/assets	263 842	303 279	Total liabilities/assets	424 105	540 074	631 554	759 622	761 751	907 181	918 405
of which Sterling Liabilities	92 666	108 043	of which Sterling Liabilities	131 270	158 561	185 575	213 369	242 912	295 847	352 826
Sterling Assets	92 423	108 022	Sterling Assets	131 257	159 595	185 673	215 322	242 348	296 762	353 493
Sterling assets			Sterling assets							
Notes and coin	1 489	1 591	Notes and coin	1 612	1 586	1 938	2 006	2 313	2 640	2 994
Reserve assets: total	6 861	9 084	Balances with Bank of England:							
Balances with Bank of England	449	485	Cash ratio deposits	321	434	497	577	667	732	906
Money at call			Special deposits	—	—	—	—	—	—	—
Discount market	3 399	4 601	Other	159	209	147	187	83	281	159
Other	230	295	Market loans ³							
UK and Northern Ireland			LDMA—secured	4 317	4 685	5 764	6 070	6 367	6 819	7 947
Treasury bills	1 118	1 168	LDMA—unsecured	21	20	37	45	47	57	50
Other bills			Other UK monetary sector	21 658	30 695	32 830	39 099	45 517	54 863	58 479
Local authority	152	502	UK monetary sector CDs	4 094	4 573	4 980	5 847	6 210	7 735	10 318
Commercial	947	1 251	Building Society CDs							
British government stocks up to one year	565	782	and time deposits	—	—	365	775	766	1 401	1 407
Special and supplementary deposits	797	—	UK local authorities	5 386	5 172	5 085	4 824	3 565	2 514	1 780
			UK public corporations	320	61	—	—	—	—	—
			UK private sector	1 129	1 160	—	—	—	—	—
			Overseas	4 060	4 441	4 634	6 837	8 891	14 012	19 200
Market loans (other than reserve assets): total	27 433	28 908	Bills:							
Banks in United Kingdom	19 305	17 403	Treasury bills	707	313	333	286	300	292	776
Loans to discount market	766	206	Eligible local authority	278	226	351	413	581	462	433
Certificates of deposit	2 982	3 510	Eligible bank bills	1 389	1 335	2 286	2 848	2 806	4 166	5 741
UK local authorities	2 922	3 939	Other	278	253	258	275	297	428	664
UK public corporations	166	229	Advances: total	66 772	83 905	100 067	114 369	131 994	158 828	197 630
UK private sector	649	804	UK public sector	3 053	3 033	2 613	2 616	2 067	1 334	1 670
Overseas	644	2 817	UK private sector	58 266	73 126	87 475	100 723	117 658	144 660	182 814
Bills (other than reserve assets)	471	435	Overseas	5 453	7 746	9 979	11 031	12 269	12 834	13 146
Advances: total	42 743	52 939	Banking Dept lending to central government (net)	—	—	387	461	574	525	820
UK public sector	1 370	1 885								
UK private sector	37 329	46 469	Investments							
Overseas	4 044	4 586	British government stocks							
Investments			Up to 1 year	505	567	6 618	6 696	7 171	8 617	7 702
British government stocks			Over 1 year and up to 5	2 355	2 469					
Over 1 year and up to 1½ years	210	198	Over 5 years and undated	1 287	1 196					
Over 1½ years and up to 5 years	1 369	1 890	Other							
Over 5 years and undated	593	1 152	Public sector	520	361	366	442	425	403	501
Other			Other	3 229	3 797	5 264	7 688	7 573	11 557	13 402
Public sector	390	470								
Other	1 957	2 291	Sterling							
Sterling			Miscellaneous assets							
Miscellaneous assets			Items in suspense and							
Items in suspense and			collections	6 143	7 023	7 373	8 879	8 870	12 667	13 967
collections	5 150	5 705	Assets leased	1 292	1 076	1 195	1 302	1 426	1 432	1 278
Assets leased	336	396	Other	3 424	4 038	4 898	5 396	5 904	6 332	7 339
Other	2 626	2 963	Other currency							
Other currency			Items in suspense and							
Items in suspense and			collections	1 829	1 782	2 172	3 567	5 086	3 553	4 180
collections	266	314	Assets leased	12	20	17	16	10	10	1
Assets leased	15	13	Other	1 405	3 265	2 613	1 930	1 589	2 414	2 732
Other	673	1 291	Other currency assets							
Other currency assets			Market loans and advances: total	283 400	365 773	426 195	513 290	478 474	558 587	520 211
Market loans and advances: total	167 690	189 871	of which Advances	68 849	91 389	109 186	134 784	120 287	128 052	115 953
of which Advances	39 677	45 833	UK monetary sector	61 325	80 013	83 714	95 010	89 171	97 225	78 826
Banks in United Kingdom and			UK monetary sector CDs	5 407	7 200	10 615	11 621	11 610	12 999	9 252
discount market	35 826	41 484	UK public sector	902	1 028	1 376	1 864	1 632	1 527	925
Certificates of deposit	2 283	3 931	UK private sector	15 287	19 946	24 187	35 762	33 837	42 877	45 238
UK public sector	2 398	1 523	Overseas	200 480	257 585	306 304	369 033	342 225	403 959	385 969
UK private sector	8 069	8 675	Bills	822	1 070	1 242	1 562	1 717	3 144	2 399
Overseas	119 113	134 259	Investments: total	5 380	8 570	13 642	23 935	32 527	42 711	35 396
Bills	415	592	United Kingdom	315	308	436	617	1 949	3 923	2 678
Investments: total	2 361	3 176	Overseas	5 065	8 262	13 205	23 318	30 578	38 788	32 718
United Kingdom	120	154								
Overseas	2 241	3 022	Acceptances							
Acceptances			Sterling	7 921	12 198	13 385	16 335	18 251	21 013	18 303
Sterling	5 670	5 106	Other currencies	827	1 261	1 524	2 718	2 987	3 309	3 172
Other currencies	594	454								

See footnotes on page 280.

Source Bank of England

17.5 Analysis of bank lending to UK residents¹
Amounts outstanding

	Third Wednesday in Nov			End Nov	End Nov
	1983	1984	1985	1986	1987
Total to UK residents	122 605	150 793	168 280	203 010	242 317
Loans and advances	113 669	139 315	154 919	189 467	230 171
<i>of which in sterling</i>	89 601	103 027	119 819	141 358	181 183
Acceptances	8 935	11 478	13 361	13 543	12 146
<i>of which in sterling</i>	8 576	10 579	12 407	12 913	11 706
Agriculture, Forestry and Fishing					
Total	5 184	5 495	5 878	6 088	6 081
<i>of which in sterling</i>	5 160	5 469	5 859	6 048	6 041
Energy and water supply					
Total	4 874	6 314	4 888	4 424	4 197
<i>of which in sterling</i>	2 551	3 020	2 107	1 416	1 804
Oil and extraction of natural gas	3 595	3 996	3 072	2 726	2 731
Other energy industries	1 261	2 168	1 310	1 090	988
Water supply	18	150	506	608	478
Manufacturing industry					
Total	22 234	26 390	27 433	29 599	28 950
<i>of which in sterling</i>	17 433	20 810	22 353	23 289	23 396
Extraction of minerals and ores	784	770	805	648	650
Metal manufacturing	1 369	1 660	1 268	1 106	1 111
Mineral products	757	926	960	1 073	926
Chemical industry	1 855	2 010	2 016	2 117	2 046
Mechanical engineering	1 572	1 837	2 162	2 152	2 136
Electrical engineering	2 198	3 071	3 628	3 547	3 424
Motor vehicles	1 021	1 120	1 352	1 736	928
Other transport equipment	1 622	1 569	1 474	1 518	743
Other engineering and metal goods	1 927	2 009	1 989	1 979	1 811
Food, drink and tobacco	3 422	4 810	4 595	5 974	5 961
Textiles, leather, clothing and footwear	1 337	1 546	1 796	1 722	2 022
Other manufacturing	4 369	5 062	5 388	6 026	7 192
Construction					
Total	3 968	4 609	5 074	5 675	7 175
<i>of which in sterling</i>	3 698	4 243	4 614	5 253	6 677
Garages, distribution, hotels and catering					
Total	17 197	19 746	22 388	24 359	27 327
<i>of which in sterling</i>	13 301	14 792	17 057	18 572	20 812
Retail motor trades	1 918	2 006	2 246	2 488	2 794
Other retail distribution	5 196	5 715	6 621	7 192	8 256
Wholesale distribution	7 525	8 946	9 973	10 609	10 569
Hotels and catering	2 558	3 079	3 548	4 070	5 707
Transport					
Total	3 385	3 571	3 509	3 569	4 099
<i>of which in sterling</i>	2 029	2 127	2 356	2 396	3 144
Air transport	870	760	502	457	416
Other transport	2 515	2 811	3 007	3 112	3 683
Postal services and telecommunications					
Total	234	283	339	304	419
<i>of which in sterling</i>	109	133	177	162	252
Financial					
Total	21 653	31 644	32 574	55 477	69 436
<i>of which in sterling</i>	11 627	13 822	18 072	30 032	39 469
Building societies	814	1 420	2 064	3 355	4 020
Investment and unit trusts	2 121	2 369	3 462	3 725	6 474
Insurance companies and pension funds	1 361	2 248	2 370	2 912	3 892
Leasing companies	4 054	4 508	6 660	7 799	10 179
Other financial	13 303	21 099	18 018	25 024	30 082
Securities dealers, stockbrokers, jobbers, etc. ²	..	..	..	12 662	14 789
Business and other services					
Total	14 880	18 694	25 094	25 194	31 765
<i>of which in sterling</i>	13 375	15 233	18 644	21 905	28 667
Central and local government	2 191	2 108	2 144	1 380	1 299
Property companies	4 457	5 420	7 109	9 341	13 333
Hiring of movables	545	687	771	919	1 063
Other services	7 687	10 479	15 070	13 554	16 070
Persons					
Total (loans and advances only)	28 996	34 048	41 102	48 322	62 859
<i>of which in sterling</i>	28 895	33 956	40 991	48 145	62 629
Bridging finance for house purchase	914	828	832 ³		
Other house purchase	13 648	16 092	20 167	25 291	34 865
Other advances to persons	14 434	17 128	20 103	23 031	27 994

1 This is a series of statistics based on the Standard Industrial Classification 1980 and comprises loans, advances and acceptances by all monthly reporting institutions other than members of the London Discount Market Association (LDMA). The table includes lending under the Department of Trade and Industry special scheme for domestic shipbuilding, secured money placed with money brokers and gilt-edged jobbers, time deposits placed with and certificates of deposit issued by building societies.

2 From end November 1986 lending to securities dealers, stockbrokers and stock jobbers (including money placed with the stock exchange money brokers and gilt-edged market makers) is shown separately within the Financial sector. Such lending was previously included in the Other services line of Business and other services.

3 Now published as Home Purchase.

17.6

Discount market^{1, 2}
Mid-December

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Assets											
Total	3 934	4 308	4 909	5 305	5 084	5 459	6 953	8 096	8 713	9 539	11 566
Treasury bills	1 052	845	709	556	99	70	31	222	50	240	261
Other bills ³ :											
Sterling	1 213	2 038	2 638	2 485	2 892	2 394	3 577	3 589	3 474	4 073	5 351
Other currencies	30	16	12	22	34	24	13	77	135	30	25
British government securities	557	454	754	956	742	555	364	401	292	22	33
UK monetary sector CDs:											
Sterling	509	333	84	613	642	1 468	2 044	2 179	2 729	3 022	3 705
Other currencies	115	75	109	50	198	149	70	302	148	124	38
Building Society CDs and time deposits	—	—	—	—	—	—	280	522	550	348	747
Local authority securities	267	282	373	377	243	216	154	127	37	13	2
Other assets ⁴ :											
Sterling	189	262	220	234	212	574	410	673	1 241	1 501	1 285
Other currencies	2	3	10	12	22	9	10	4	57	168	119
Borrowed funds⁵											
Total	3 752	4 111	4 704	5 140	4 926	5 286	6 738	7 818	8 457	9 246	1 132
Bank of England, Banking Dept.	246	—	—	—	20	—	55	48	80	—	45
Other UK monetary sector:											
Sterling	2 963	3 425	4 228	4 804	4 360	4 733	5 838	6 124	6 409	6 984	8 064
Other currencies	73	41	85	16	157	136	49	293	121	129	59
Other sources:											
Sterling	401	597	340	296	327	391	774	1 263	1 632	1 988	3 019
Other currencies	69	48	51	24	62	26	21	90	215	146	125

1 Between 1975 and November 1981 these figures include the members of the London Discount Market Association (LDMA), two discount brokers (who became members of the LDMA in 1980) and the money trading departments of five banks carrying on an essentially similar type of business. Since November 1981 this group has again comprised members of the LDMA.

2 Securities, etc., are generally reported at the value standing in the reporting institution's books.

3 Including local authority and public corporation bills.

4 Including funds lent to the United Kingdom monetary sector and in the local authority market.

5 Excluding capital and reserves.

Source Bank of England

17.7

Public sector borrowing requirement and other counterparts to changes in money stock during the year

£ million

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Public sector borrowing requirement (surplus—)	+ 5 416	+ 8 321	+ 12 551	+ 11 786	+ 10 507	+ 4 880	+ 11 607	+ 10 284	+ 7 468	+ 2 421	— 1 408
Sales (—) of public sector debt to UK private sector (other than banks)	— 8 417	— 6 018	— 11 091	— 9 499	— 11 250	— 10 519	— 10 813	— 11 155	— 7 788	— 3 573	— 1 757
Sterling lending to the private sector ¹	+ 3 188	+ 4 698	+ 8 585	+ 10 025	+ 11 405	+ 17 556	+ 12 903	+ 16 541	+ 20 968	+ 30 445	+ 38 668
External and foreign currency finance of the public sector	+ 5 534	— 981	+ 733	+ 53	— 1 032	— 1 322	— 1 575	— 1 608	— 3 143	— 1 947	+ 7 513
External and foreign currency transactions of UK banks ^{2,3}	— 1 659	+ 1 561	— 3 527	— 637	+ 906	— 1 592	— 719	— 1 987	+ 500	— 448	— 3 688
Net non-deposit liabilities (increase—) ³	— 337	— 972	— 768	— 1 169	— 1 211	— 1 460	— 1 952	— 2 182	— 3 013	— 3 749	— 4 650
Money stock (M3)	+ 3 725	+ 6 609	+ 6 483	+ 10 559	+ 9 325	+ 7 543	+ 9 451	+ 9 893	+ 14 992	+ 23 149	+ 34 678

1 Bank lending, plus holdings of commercial bills by the Issue Department of the Bank of England.

2 Including sterling lending to overseas sector.

3 With effect from the third quarter 1975 the external and foreign currency transactions of UK banks include net non-deposit currency liabilities. From this date 'Net non-deposit liabilities' comprise sterling components only. See note on page 279.

Source Bank of England

17.8 Money stock and liquidity

	£ million										
	1977	1978	1979	1980	1981 ¹	1982	1983	1984	1985	1986	1987
Amounts outstanding at end-year											
Notes and coin in circulation with the public ²	7 217	8 291	8 939	9 631	10 189	10 599	11 215	11 542	12 071	12 824	13 642
UK private sector sterling sight deposits ^{3, 4}	15 960	18 631	20 345	20 805	25 766	29 436	33 324	40 017	48 889	61 871	78 274
Money stock (M1)	23 177	26 922	29 284	30 436	35 955	40 035	44 539	51 559	60 960	74 695	91 916
UK private sector sterling time deposits ^{3, 5}	20 353	23 215	27 374	36 766	48 059	51 456	57 119	60 397	66 016	76 474	93 846
Money stock (M3)	43 530	50 137	56 658	67 202	84 014	91 491	101 658	111 956	126 976	151 169	185 762
UK private sector deposits in other currencies ^{3, 5, 6}	4 151	4 799	5 202	6 189	9 849	12 717	16 376	20 946	20 128	28 585	
Money stock (M3c)	47 681	54 936	61 860	73 391	93 863	104 208	118 034	132 902	147 110	179 770	216 536
Money stock M(4)	74 595	85 792	98 155	114 958	138 402	154 951	175 561	199 398	225 293	261 212	304 001
Money stock M(5)	86 206	99 599	114 539	130 682	148 284	166 139	187 776	212 583	239 365	276 313	319 445
Changes during year⁷											
Notes and coin in circulation with the public ²	+ 937	+ 1 074	+ 648	+ 707	+ 615	+ 410	+ 641	+ 327	+ 529	+ 768	+ 818
UK private sector sterling sight deposits ^{3, 4}	+ 3 207	+ 2 671	+ 1 714	+ 460	+ 2 823	+ 3 668	+ 3 860	+ 6 593	+ 8 860	+ 12 371	+ 16 338
Money stock (M1)	+ 4 144	+ 3 745	+ 2 362	+ 1 167	+ 3 438	+ 4 078	+ 4 501	+ 6 920	+ 9 389	+ 13 150	+ 17 156
UK private sector sterling time deposits ^{3, 5}	- 419	+ 2 862	+ 4 161	+ 9 392	+ 5 887	+ 3 393	+ 4 950	+ 2 973	+ 5 610	+ 9 994	
Money stock (M3)	+ 3 725	+ 6 607	+ 6 525	+ 10 559	+ 9 325	+ 7 471	+ 9 451	+ 9 893	+ 14 999	+ 23 149	+ 34 678
UK private sector deposits in other currencies ^{3, 5, 6}	+ 255	+ 648	+ 403	+ 987	+ 3 668	+ 2 733	+ 3 378	+ 4 532	- 830	+ 8 433	+ 2 306
Money stock (M3c)	+ 3 980	+ 7 255	+ 6 926	+ 11 546	+ 12 993	+ 10 204	+ 12 829	+ 14 425	+ 14 175	+ 31 579	+ 36 984
Money Stock M(4)	+ 9 625	+ 11 256	+ 12 365	+ 16 818	+ 15 957	+ 16 543	+ 19 894	+ 23 432	+ 25 871	+ 34 738	+ 42 659
Money stock M(5)	+ 9 671	+ 13 455	+ 14 950	+ 16 302	+ 16 388	+ 17 913	+ 20 916	+ 24 406	+ 26 732	+ 34 210	+ 43 875

1 The stock figures for end-1981 are on the basis of the new monetary sector; changes during the years, up to and including 1981, are on the basis of the old banking sector.

2 The estimates of levels of coin in circulation include allowance for wastage, hoarding, etc.

3 Deposits are confined to those with institutions included in the United Kingdom monetary sector (see table 17.3).

4 After deducting 60 per cent of transit items.

5 Including UK residents' holdings of certificates of deposit.

6 The figures include changes in the sterling value of the deposits caused by changes in exchange rates.

7 As far as possible the changes exclude the effect of changes in the number of contributors to the series, and also of the introduction of new statistical returns in 1975.

Source Bank of England

17.9 Money and bill rates

London clearing banks' base rates¹

Percentage rates operative between dates shown

Rate											
Date	Per cent	Date	Per cent	Date	Per cent	Date	Per cent	Date	Per cent	Date	Per cent
1977		1979		1982		1984		1985		1987	
Jan. 26	13	Feb. 14	13½	Jan. 22	14	Mar. 7	8½ - 9	Apr. 2	13 - 13½	May 11	9
Feb. 4	12½	Mar. 6	13	Feb. 25	13½	Mar. 15	8½ - 8¾	Apr. 12	12¾ - 13	Aug 7	10
Feb. 18	11½	Apr. 6	12	Mar. 12	13	May 10	9 - 9¼	Apr. 19	12½ - 12¾	Oct 26	9½
Mar. 14	10½	June 15	14	June 8	12½	June 27	9¼	June 12	12½	Nov 5	9
Mar. 31	9½	Nov. 16	17	July 13	12	July 9	10	July 15	12 - 12½	Dec 4	8½
Apr. 26	9			Aug. 2	11½	July 12	12	July 16	12		
May 3	8½	1980		Aug. 18	11	Aug. 9	11½	July 29	11½ - 12	1988	
Aug. 9	8	July 4	16	Aug. 31	10½	Aug. 10	11	July 30	11½	Feb 2	9
Sept. 13	7	Nov. 24	14	Oct. 7	10	Aug. 20	10½			Mar 17	8½
Oct. 17	6			Oct. 14	9½	Nov. 7	10	1986		Apr 11	8
Nov. 29	6 - 7½	1981		Nov. 4	9	Nov. 20	9¾ - 10	Jan. 9	12½	May 18	7½
Dec. 5	6¾ - 7½	Mar. 11	12	Nov. 26	10 - 10¼	Nov. 23	9½ - 9¾	Mar. 19	11½	June 3	8
		Sept. 16	14					Apr. 8	11 - 11½	June 6	8-8½
		Oct. 1	16	1983		1985		Apr. 9	11	June 7	8½
1978		Oct. 14	15½	Jan. 12	11	Jan. 11	10½	Apr. 21	10½	June 22	9
Jan. 10	6½	Nov. 9	15	Mar. 15	10½	Jan. 14	12	May 27	10	June 29	9½
Apr. 20	7½	Dec. 3	14½	Apr. 15	10	Jan. 28	14	Oct 10	11	July 5	10
May 10	9			June 15	9½	Mar. 20	13½ - 14			July 19	10½
June 12	10			Oct. 4	9	Mar. 21	13½	1987			
Nov. 6	11½					Mar. 29	13 - 13½	Mar 10	10½		
Nov. 15	12½							Mar 19	10		
								Apr 29	9½		

1 See footnote 1 on page 285.

Source Bank of England

17.9

Money and bill rates

(continued)

	Rate per cent											
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Treasury bills: ²												
January	12.733	5.814	11.859	15.793	12.851	14.062	10.593	8.869	10.550	11.923	10.525	8.284
February	11.023	5.958	12.624	16.144	12.088	13.564	10.740	8.854	12.691	12.018	10.290	8.759
March	9.837	5.939	11.348	16.181	11.535	12.490	10.466	8.433	12.935	11.055	9.345	8.442
April	8.306	6.771	11.316	16.166	11.327	12.835	9.841	8.376	11.925	9.993	9.430	7.796
May	7.400	8.401	11.349	16.091	11.348	12.633	9.697	8.816	11.935	9.705	8.449	7.463
June	7.452	9.147	12.566	15.800	12.088	12.227	9.471	8.863	11.889	9.319	8.540	8.487
July	7.432	9.220	13.323	14.548	13.282	11.581	9.367	10.975	11.386	9.452	8.832	...
August	6.542	8.896	13.317	14.865	13.416	10.336	9.343	10.213	10.962	9.392	9.789	...
September	5.686	8.999	13.382	14.405	13.962	9.909	9.158	10.021	11.061	9.606	9.693	...
October	4.519	9.921	13.380	14.295	15.549	9.140	8.841	9.851	11.053	10.630	9.448	...
November	4.890	11.507	15.330	13.946	14.075	8.938	8.843	9.230	11.108	10.633	8.433	...
December	6.368	11.566	15.897	13.070	14.511	9.897	8.870	9.104	11.154	10.660	8.187	...
Three months bank bills: ³												
January	13.02	6.01	12.34	16.63	13.38	14.35	10.69	8.93	11.03	12.27	10.64	8.42
February	11.33	6.42	12.93	17.36	12.34	13.66	10.84	8.88	13.16	12.14	10.47	8.88
March	10.00	6.45	11.68	17.57	11.71	12.66	10.50	8.49	13.06	11.36	9.58	8.52
April	8.34	7.40	11.54	17.13	11.53	12.92	9.82	8.39	12.10	10.21	9.46	7.89
May	7.58	8.86	11.55	15.74	11.56	12.67	9.82	8.98	11.99	9.85	8.55	7.69
June	7.71	9.63	12.83	16.24	12.08	12.36	9.54	8.99	11.91	9.45	8.66	8.65
July	7.61	9.83	13.74	15.18	13.11	11.68	9.48	10.90	11.52	9.61	8.85	...
August	6.74	9.39	13.87	15.58	13.52	10.53	9.44	10.47	11.01	9.52	9.72	...
September	5.87	9.23	14.10	15.15	14.04	10.09	9.23	10.13	11.09	9.78	9.38	...
October	4.83	10.29	14.10	15.04	15.54	9.31	8.88	10.05	11.11	10.58	9.58	...
November	5.14	11.86	15.93	15.05	14.30	8.89	8.88	9.31	11.15	10.72	8.62	...
December	6.58	12.06	16.65	13.90	14.50	10.09	8.90	9.13	11.18	10.70	8.38	...
Three months inter-bank deposits: ^{4, 5}												
January	13.65	6.26	12.70	17.17	14.28	15.13	11.22	9.47	11.66	12.80	11.10	8.91
February	11.69	6.87	13.32	17.78	13.04	14.48	11.35	9.39	13.73	12.66	10.85	9.23
March	10.41	6.82	12.06	18.11	12.65	13.57	10.98	8.95	13.65	11.75	9.96	8.87
April	8.62	7.62	11.69	17.64	12.33	13.77	10.27	8.90	12.75	10.55	9.78	8.28
May	7.71	9.30	11.82	17.06	12.41	13.35	10.27	9.39	12.66	10.22	8.81	8.02
June	7.85	10.04	13.12	16.77	12.67	13.00	9.95	9.45	12.45	9.77	8.89	8.91
July	7.83	10.18	13.98	15.88	13.79	12.37	9.91	11.48	12.05	9.97	9.21	...
August	6.97	9.45	14.12	16.53	14.18	11.11	9.89	11.06	11.49	9.85	10.04	...
September	6.08	9.37	14.17	16.00	14.78	10.89	9.70	10.83	11.54	10.14	10.16	...
October	5.10	10.57	14.22	15.99	16.33	9.79	9.39	10.66	11.55	11.07	9.94	...
November	5.22	12.07	16.24	15.84	15.06	9.39	9.31	9.91	11.57	11.20	8.95	...
December	6.83	12.36	16.82	14.73	15.44	10.16	9.43	9.82	11.74	11.35	8.76	...
Three months local authority deposits: ^{4, 6}												
January	13.95	6.22	12.66	17.26	14.32	15.15	11.13	9.41	11.61	12.72	10.97	8.88
February	11.89	6.71	13.46	17.93	13.14	14.43	11.23	9.36	13.69	12.60	10.77	9.18
March	10.59	6.74	12.24	18.50	12.70	13.54	10.94	8.94	13.61	11.68	9.87	8.85
April	8.80	7.42	11.81	17.93	12.37	13.75	10.26	8.91	12.72	10.44	9.70	8.24
May	7.66	8.97	11.90	17.19	12.42	13.33	10.23	9.36	12.61	10.10	8.73	8.00
June	7.82	9.79	13.15	16.81	12.68	12.99	9.88	9.43	12.39	9.62	8.80	8.84
July	7.81	10.02	13.99	15.96	13.70	12.40	9.81	11.46	12.01	9.87	9.13	...
August	7.05	9.43	14.16	16.52	14.22	11.11	9.81	11.07	11.43	9.79	9.99	...
September	6.08	9.28	14.23	15.98	14.73	10.83	9.62	10.85	11.47	10.04	10.13	...
October	5.14	10.38	14.26	15.97	16.30	9.82	9.36	10.62	11.49	10.99	9.90	...
November	5.22	11.99	16.12	15.88	15.14	9.32	9.26	9.89	11.48	11.12	8.87	...
December	6.79	12.31	16.96	14.74	15.42	10.54	9.37	9.80	11.65	11.29	8.73	...

1 Each bank has a single base rate, which may sometimes differ from those of other banks. The rates of interest charged by the London clearing banks for their advances to customers and their discounting of trade bills are, in general, linked to their own individually declared base rates. The rates charged for advances depend on the nature and status of the customer; most lending is between 1 per cent and 5 per cent higher than base rate. Some lending is related to market rates instead of base rates.
Between 11 September 1973 and 28 February 1975 the banks were not allowed to pay more than 9½ per cent on deposits under £10 000. Since February 1975 the margin between base rate and that on deposit accounts has fluctuated between 2 per cent and 4½ per cent.

2 Weighted averages of discount rates at the weekly allotments of 91 day bills.
3 The mean of the discount market's buying rates (discount rates per cent per annum). Averages of working days.
4 Figures are averages of working days.
5 The mean of the lowest bid and highest offer rates over the day. The yield on a three-month sterling certificate of deposit is usually close to that for a three-months inter-bank deposit.
6 For a minimum term of three months and thereafter at seven days notice. The mean of the daily range. From June 1982 the rates are for 10.30 a.m.

Source Bank of England

17.10 Security yields and prices

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
British government securities												
Short-dated ¹ :												
(5 years)	10.08	11.32	12.64	13.84	14.65	12.79	11.19	11.29	11.13	10.01	9.37	..
Medium-dated ¹ :												
(10 years)	12.02	12.12	12.93	13.91	14.88	13.08	11.27	11.27	11.06	10.05	9.57	..
Long-dated ¹ :												
(20 years)	12.73	12.47	12.99	13.79	14.74	12.88	10.80	10.69	10.62	9.87	9.47	..
2½ per cent Consols ² :												
Average net price	20.43	21.0	22.1	21.1	19.3	21.4	24.5	24.7	24.8	26.4	27.7	..
Average flat yield	12.31	11.93	11.39	11.88	13.01	11.90	10.24	10.16	10.11	9.47	9.31	..
January	13.67	10.67	12.51	11.41	12.12	13.72	10.73	9.83	10.26	10.14	9.82	9.33
February	13.47	11.21	12.63	11.76	12.05	13.01	10.87	9.93	10.44	9.92	9.64	9.23
March	12.85	11.18	11.36	12.62	12.02	12.41	10.34	9.83	10.30	9.10	9.07	8.93
April	12.55	11.65	10.68	12.35	12.11	12.92	10.09	9.93	10.14	8.54	9.04	8.96
May	12.41	12.07	11.02	12.18	12.70	12.66	10.19	10.29	10.38	8.64	8.80	9.06
June	12.85	12.31	11.39	11.98	12.96	12.48	9.83	10.48	10.28	8.73	8.85	9.12
July	13.11	12.20	10.88	11.55	13.44	12.22	10.24	10.88	10.04	9.01	9.12	..
August	12.56	12.15	10.54	11.80	13.46	11.64	10.42	10.42	9.90	9.18	9.67	..
September	11.52	12.17	10.75	11.64	13.72	10.87	10.18	10.27	9.92	9.63	9.77	..
October	10.84	12.42	11.07	11.55	14.16	10.29	10.09	10.17	9.88	10.16	9.70	..
November	11.04	12.63	11.86	11.54	13.53	9.92	9.97	9.88	9.92	10.36	8.89	..
December	10.90	12.38	11.85	11.94	13.63	10.65	9.90	9.94	9.89	10.28	9.31	..
Industrial securities³												
Debentures ⁴ :												
Price index	55.6	58.3	56.27	52.42	77.33	92.25	103.37	107.13	110.25	116.34	111.71	..
Average yield	13.41	12.75	13.23	14.16	15.44	13.95	12.14	11.83	11.50	10.82	10.62	..
Preference shares:												
Price index	71.7	72.7	69.48	64.60	63.93	69.41	79.04	77.14	79.31	83.43	85.50	..
Average dividend yield	12.81	12.68	13.21	13.91	15.28	14.46	12.50	12.75	12.39	11.31	10.74	..
Ordinary shares ⁵ :												
Price index	208.8	235.3	267.31	285.68	322.16	373.31	471.23	560.52	692.02	858.57	1 050.18	..
Average dividend yield	5.50	5.48	5.78	6.59	5.96	5.47	4.60	4.46	4.38	3.93	3.41	..
January	6.14	5.39	5.66	6.86	6.46	5.80	4.90	4.30	4.26	4.32	3.77	4.09
February	5.88	5.73	5.70	6.46	6.22	5.63	4.78	4.33	4.22	4.07	3.45	4.15
March	5.72	5.78	5.08	6.83	6.06	5.75	4.72	4.20	4.28	3.76	3.29	4.10
April	5.81	5.68	4.85	7.07	5.64	5.71	4.50	4.24	4.38	3.65	3.35	4.11
May	5.39	5.42	4.90	7.07	5.61	5.56	4.61	4.35	4.31	3.80	3.09	4.15
June	5.53	5.49	5.17	6.85	5.74	5.67	4.40	4.59	4.47	3.81	2.98	4.10
July	5.61	5.50	5.71	6.49	5.87	5.74	4.52	4.88	4.69	3.91	2.87	..
August	5.33	5.15	5.93	6.49	5.56	5.61	4.41	4.66	4.48	3.93	3.03	..
September	4.96	5.14	6.14	6.38	6.00	5.25	4.56	4.59	4.47	3.90	3.02	..
October	4.96	5.34	6.20	6.27	6.43	5.03	4.71	4.58	4.43	4.04	3.40	..
November	5.33	5.62	6.94	6.04	6.01	4.87	4.59	4.40	4.22	3.93	4.36	..
December	5.35	5.56	7.02	6.25	5.91	4.99	4.54	4.41	4.32	4.02	4.36	..

1 Gross redemption yields derived from yield-maturity curves fitted mathematically. The figures are averages of Wednesday yields until 1979. From 1980 the average is of all observations (usually 3 per week); from January 1982 figures are the average of working days. The method of calculation is described in the *Bank of England Quarterly Bulletin*, December 1972, September 1973, June 1976 and June 1982.

2 Averages of working days, based, up to and including March 1982, on the mean of the middle opening and middle closing prices each day; thereafter the figures are based on closing prices only. Gross accrued interest is excluded; tax is ignored.

3 The series are arithmetic averages of daily figures from the *Financial Times*—Actuaries share indices. Price indices (using weighted arithmetic averages) are based on 10 April 1962=100.

4 Up to and including 1980, series are based on 15 redeemable debentures, weighted to give average term to maturity of 20 years. The yields used are redemption yields. The *Financial Times* published a new rebased series of debenture and preference share indices from 17 March 1981. The series from 1981 relate to the price index and redemption yield on 25 year stocks.

5 Based on 500 shares.

Sources Bank of England; Financial Times; Institute of Actuaries; Faculty of Actuaries

17.11

Securities quoted on the Stock Exchange¹

At last working day in March

	£ million										
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total of all securities at market values	302 586	328 331	280 793	375 931	455 995	688 493	832 098	1 107 548	1 247 580	1 547 845	1 427 397
British government and government guaranteed stocks ²											
Nominal values	52 151	59 256	70 959	85 384	91 106	96 039	107 932	118 115	128 850	138 777	142 857
Market values	46 917	54 850	57 766	76 079	81 087	97 001	111 060	117 616	138 417	147 550	151 207
Other securities at market values:											
Irish government stocks	3 001	3 095	3 015	2 690	2 457	4 732	5 013	5 891	8 398	9 727	11 026
Corporation stocks, public boards, etc.	3 143	2 967	2 678	2 609	2 425	2 364	2 237	1 629	1 149	912	644
Dominion and foreign government and corporation stocks	5 843	6 151	6 067	10 062	20 071	35 976	42 802	75 121	83 656	104 460	102 703
Company securities											
Total	243 682	261 268	211 267	284 491	349 955	548 420	670 986	907 302	1 015 960	1 285 196	1 161 817
Loan capital	5 026	4 750	3 803	4 144	4 905	6 320	8 256	8 680	9 004	12 013	11 820
Preference and preferred capital	1 095	1 596	1 836	1 916	1 860	3 070	6 416	5 510	8 259	22 438	26 887
Ordinary and deferred capital ³	229 327	254 922	205 628	278 431	343 190	539 030	656 314	893 112	998 697	1 250 745	1 123 110
Shares of no par value ³	8 234										

1 The stock exchanges of the United Kingdom and the Republic of Ireland form one exchange (The Stock Exchange).

2 Excluding marketable unlisted securities; including all outstanding amounts of 4 per cent Victory Bonds and 4 per cent Funding Loan, 1960–90 (that is,

amounts for death duties and held by the National Debt Commissioners are included).

3 From 1978 shares of no par value are no longer distinguished separately.

Source Council of The Stock Exchange

Footnotes to table 17.12 on page 288.

1 The estimates relate to new money raised on the main stock market by issues of ordinary, preference and loan capital (public issues, offers for sale, issues by tender, placings, and issues to shareholders and employees) by listed public companies and local authorities in the United Kingdom; and by overseas borrowers split between central government, state and local governments and companies. The estimates include UK local authority negotiable bonds (of not less than one year) issues to or through the agency of banks, discount houses, issuing houses or brokers. Mortgages, bank advances and any other loans redeemable in less than twelve months are excluded; so also are loans from UK government funds (including the former Industrial Reorganisation Corporation and the National Enterprise Board) but not government subscriptions to company issues made *pari passu* with the market. Issues to shareholders are included only if the sole or principal share register is maintained in the United Kingdom. Estimates of issues are based on the prices at which securities are offered to the market. Subscriptions are recorded under the periods in which they are due to be paid. Redemptions relate to fixed interest securities of the kinds included as issues; conversion issues in lieu of cash repayment are included in the gross figures of both issues and redemptions. These figures include issues of debentures and loan stock carrying the right of conversion into, or subscription to, equity capital. Estimates for these issues less redemptions are: 1977 –5; 1978 –21; 1979 23; 1980 178; 1981 194; 1982 8; 1983 47; 1984 101; 1985 320.

The division between United Kingdom and overseas company borrowers is determined by the location of the registered office. The industrial classification of companies is according to the primary occupation of the borrowing company or group and is based up to 1982 on the former Standard Industrial Classification 1968 and from 1983 on the Revised Standard Industrial Classification 1980.

2 The estimates exclude issues on the unlisted securities market which was launched by the Stock Exchange in November 1980. These issues are mainly of ordinary shares by industrial and commercial companies. Estimates of new money raised are 1980 88; 1981 54; 1982 87; 1983 163; 1984 159; 1985 180.

3 The figures for 1978 and 1979 include £449 m. and £149 m. respectively for rights issues by BL Ltd. Over 99 per cent of both issues was taken up by the National Enterprise Board. However, the figures for 1980 exclude £375 m. issued by BL Ltd to the Government via the National Enterprise Board.

4 Overseas companies including public corporations.

5 Prior to the introduction of the Monetary sector in November 1981 statistics relate to issues by the banking sector.

6 'Other' includes special finance agencies (listed public companies engaged in the provision of medium and long-term finance to industry e.g. ICFC) and those finance houses and other consumer credit grantors not covered by the Monetary sector.

Source Bank of England

17.12 Capital issues and redemptions in the United Kingdom^{1,2}

£ million

	1978 ³	1979 ³	1980 ³	1981	1982		1983	1984	1985	1986	1987
Total issues and redemptions											
Gross issues	1 983	1 743	2 083	3 311	2 907		4 675	3 562	6 238	10 053	17 181
Gross redemptions	1 163	1 005	1 310	1 341	1 351		1 347	1 224	1 063	748	1 487
Issues less redemptions: total	820	738	773	1 970	1 556		3 328	2 338	5 175	9 305	15 694
Loan capital	-127	-276	-209	67	582		980	874	527	1 185	-178
Preference shares	22	54	29	68	9		59	42	414	316	953
Ordinary shares	925	960	953	1 835	965		2 289	1 422	4 234	7 804	14 919
United Kingdom borrowers: total	882	762	767	1 675	993		2 746	1 463	4 500	8 770	15 506
Local authorities	48	-170	-166	-157	-174		-66	-258	-566	-202	-177
Listed public companies: total	834	932	933	1 832	1 167		2 812	1 721	5 066	8 972	15 683
Overseas borrowers: total	-62	-24	6	295	563		582	875	675	535	188
Central government	-59	-23	9	124	201		246	351	250	164	-
State, local government	-	-	-1	6	85		-13	106	-	-	-
Companies ⁴	-3	-1	-2	165	277		349	418	425	371	188
United Kingdom listed public companies											
All companies: total	834	932	933	1 832	1 167		2 812	1 721	5 066	8 972	15 683
Loan capital	-113	-82	-50	-72	195		565	281	442	905	1
Preference shares	22	54	30	68	8		59	42	414	316	954
Ordinary shares	925	960	953	1 836	964		2 188	1 398	4 210	7 751	14 728
Financial companies: total	109	75	-7	123	296		684	498	1 016	2 924	2 327
Loan capital	-22	-6	-62	-83	278		219	74	53	433	300
Preference shares	3	-	-6	-8	-		-	19	5	90	10
Ordinary shares	128	81	61	214	18		465	405	958	2 401	2 017
Other companies: total	725	857	940	1 709	871		2 128	1 223	4 050	6 048	13 356
Loan capital	-91	-76	12	11	-83		346	207	389	472	-299
Preference shares	19	54	36	76	8		59	23	409	226	944
Ordinary shares	797	879	892	1 622	946		1 723	993	3 252	5 350	12 711
United Kingdom listed public companies											
Financial companies: total	109	75	-7	123	296		684	498	1 016	2 924	2 327
Monetary sector ⁵	98	79	-34	-	298		549	278	729	743	829
Insurance companies	32	-	-2	198	2		5	-7	7	606	-2
Investment trust companies	-22	7	33	9	18		92	135	157	374	324
Other ⁶	1	-11	-4	-84	-22		38	92	123	1 201	1 176
Other companies: total	725	857	940	1 709	871		2 128	1 223	4 050	6 048	13 356
Manufacturing industries: total	648	446	211	632	407		1 386	498	2 365	2 625	5 284
Food, drink and tobacco	24	-8	39	50	102	Minerals and Metal Manufacture	253	29	221	301	286
Chemicals and allied industries	84	17	6	85	111	Chemicals and allied industries	314	-3	308	541	98
Metal manufacture	2	-	-6	-1	1	Metal goods, engineering and vehicles	157	33	329	177	1 616
Engineering, shipbuilding and electrical goods	20	32	23	302	194	Electrical and electronic engineering	200	156	355	158	514
Vehicles	452	154	-4	97	-2	Food, Drink and Tobacco	200	105	183	557	288
Textiles	33	11	-	1	4	Other manufacturing	262	178	969	891	2 482
Clothing and footwear	1	1	-	1	-5	Energy	192	57	158	151	933
Paper, printing and publishing	-3	16	6	4	-	Water	30	2	34	49	46
Other	35	223	147	93	2	Construction	53	7	112	513	445
Public utilities, transport and communication	21	17	38	83	6	Distribution, hotels and repairs	172	107	597	748	2 770
Distributive trades	21	111	89	50	15	Transport and communications	9	26	177	121	18
Property companies	-2	79	147	97	258	Property companies	78	232	344	705	1 649
Rest	37	204	455	847	185	Services, Agriculture, Forestry and Fishing	208	294	263	1 136	2 211

See footnotes 1-6 on page 287.

Source Bank of England

17.13

Building societies¹

Great Britain (Until 1985)

United Kingdom (From 1986)

Number and balance sheets

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ²	1987
Societies on register (Number)	364	339	316	287	273	253	227	206	190	167	151	138
Share Investors (Thousands)	19 991	22 536	24 999	27 878	30 636	33 388	36 607	37 711	39 380	39 996	40 559	41 967
Depositors (Thousands)	712	760	781	797	915	995	1 094	1 200	1 550	2 149	2 850	3 648
Borrowers (Thousands)	4 609	4 836	5 108	5 251	5 383	5 490	5 645	5 928	6 314	6 657	7 023	7 182
Liabilities (£ million):												
Shares	25 760.3	31 109.7	36 185.9	42 023.1	48 914.6	55 463.4	64 968.0	75 197.3	88 087.0	102 331.8	115 550.8	129 954.3
Deposits and loans	866.1	1 238.3	1 264.2	1 289.8	1 762.0	2 576.9	3 531.6	5 601.4	8 425.6	10 751.5	16 862.2	20 571.8
Taxation and other	598.8	676.1	611.7	835.2	1 228.5	1 495.3	1 729.6	1 583.1	2 067.1	2 767.5	2 250.4	2 569.1
General reserves	977.2	1 264.3	1 476.6	1 640.9	1 887.9	2 279.0	2 803.3	3 487.0	4 109.1	4 912.6	5 939.0	7 001.7
Assets (£ million): total	28 202.4	34 288.4	39 538.4	45 789.1	53 792.9	61 814.6	73 032.5	85 868.8	102 688.8	120 763.4	140 602.5	160 096.9
Mortgages	22 564.5	26 426.5	31 598.3	36 800.5	42 437.0	48 874.8	56 695.7	67 473.5	81 881.9	96 764.5	115 669.4	130 870.4
Investments	4 642.6	6 158.1	6 395.7	7 436.9	8 878.0	10 106.4	12 430.4	13 641.1	15 746.8	16 177.4	16 353.9	17 689.6
Cash	604.3	1 251.3	1 019.1	928.0	1 728.1	1 949.9	2 925.2	3 676.3	3 861.2	6 507.4	7 105.0	9 590.4
Other	391.1	452.4	525.2	623.8	749.8	883.6	981.2	1 077.9	1 198.9	1 314.1	1 474.2	1 946.4

Current transactions

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 ²	1987
Shares:												
Received	10 146.2	13 549.3	15 684.6	18 849.4	21 916.5	26 126.9	32 434.8	40 204.5	54 251.7	76 151.5	83 866.9	97 503.5
Interest thereon	1 681.6	1 985.2	2 172.9	3 297.7	4 699.4	4 795.7	5 298.6	5 095.6	6 318.8	8 269.5	8 498.5	9 141.7
Withdrawn (including interest)	8 200.8	10 183.9	12 769.4	16 313.6	19 726.1	24 373.0	28 218.0	34 813.3	47 759.0	70 444.9	79 262.9	92 024.6
Deposits:												
Received	408.2	783.4	670.1	678.4	1 091.2	1 571.5	2 029.3	4 801.4	11 244.2	17 924.9	28 100.8	38 325.7
Interest thereon	53.2	63.5	70.7	97.2	148.2	186.6	273.2	327.4	581.5	853.7	1 263.7	1 683.7
Withdrawn (including interest)	375.5	470.3	710.1	749.0	785.2	964.1	1 389.2	3 001.2	8 966.1	16 244.5	23 239.2	35 957.5
Mortgages:												
Advances	6 183.3	6 745.1	8 807.8	9 002.3	9 503.4	12 005.3	15 036.4	19 346.5	23 770.9	26 530.8	35 913.2	36 034.0
Repayments of principal	2 422.9	2 882.2	3 614.8	3 805.4	3 867.9	5 566.9	7 214.0	8 316.8	9 345.2	11 650.8	16 976.3	19 864.6
Interest ³	2 287.7	2 706.1	2 770.1	4 082.5	5 912.9	6 398.1	7 030.7	6 845.9	8 843.5	12 027.6	12 820.0	14 306.7
Management expenses	237.4	296.8	363.5	449.3	589.6	731.6	874.6	1 002.2	1 109.9	1 264.9	1 437.4	1 668
Percentage rate of interest ⁴												
Paid on shares	7.02	6.98	6.46	8.43	10.34	9.19	8.80	7.27	7.74	8.69	7.80	7.45
Paid on deposits	6.61	6.13	5.70	7.67	9.77	8.71	9.12	7.24	8.30	8.92	9.15	9.00
Received on mortgage advances	11.06	11.05	9.55	11.94	14.92	14.01	13.32	11.03	11.84	13.47	12.07	10.79

1 The figures for each year relate to accounting years ending on dates between 1 February of that year and 31 January of the following year.

2 1986 and subsequent years include Northern Ireland societies, responsibility for which was acquired under the Building Societies Act 1986.

3 Includes amounts recoverable from HM Government under Option Mortgage Scheme and MIRAS (Mortgage interest relief at source).

4 Based on the mean of the amounts outstanding at the end of the previous and the current year.

Source Building Societies Commission

Footnotes to table 17.14 on page 290.

1 Prior to 1987 excludes bank loans on personal accounts.

2 Finance houses, check traders, money lenders and pawnbrokers. Up to 1985 covers only agreements regulated under the Consumer Credit Act, 1974.

3 Self financed credit advanced by clothing retailers, household goods retailers, mixed business retailers (other than co-operative societies) and general mail order houses.

4 Class 3 loans advanced under the terms of the Building Societies Act, 1986. For 1987 new credit advanced on these agreements is included under finance houses and other specialist credit grantors.

5 Loans by banks on personal accounts, not exceeding £15,000, excluding bridging loans and house purchase finance. There are no data for these agreements before end-1986.

6 Prior to 1985 includes only policy loans.

7 End year, seasonally adjusted.

8 A high proportion of credit advanced in certain types of agreement, notably on bank credit cards and by mail order houses, is repaid within a month, reflecting the use of such agreements as a method of payment rather than as a means of obtaining credit.

9 There is a break at the end of 1985. Before this running-account agreements were excluded.

Sources Department of Trade and Industry; Committee of London and Scottish Bankers

17.14 Consumer Credit

	£ million										
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total change in amounts outstanding owing ¹	455	1 070	1 376	1 209	975	1 544	2 194	2 133	3 117	2 457	5 596
To finance houses and other specialist credit grantors ²	267	662	893	839	551	972	1 481	1 432	2 099	1 452	2 550
On bank credit cards	72	231	271	239	365	427	542	573	761	838	889
To retailers ³	109	181	220	100	31	127	132	116	195	95	357
To building societies on class 3 loans ⁴											69
On bank loans on personal accounts ⁵											1 711
To insurance companies on loans to individuals ⁶	7	-4	-8	31	28	18	39	12	62	72	20
Total amount outstanding ⁷	3 483	4 553	5 929	7 138	8 113	9 657	11 851	13 984	17 416	19 910	36 410
Total new credit advanced ⁸	4 992	6 395	7 724	9 148	10 083	12 126	14 550	16 980	20 941	28 057	34 758
By finance houses and other specialist credit grantors ^{2,9}	1 563	2 156	2 611	3 006	3 146	3 780	4 470	5 092	6 168	10 276	12 837
On bank credit cards	1 123	1 541	2 093	2 883	3 726	4 898	6 396	8 043	10 504	12 916	16 641
By retailers ³	2 306	2 698	3 020	3 259	3 211	3 448	3 684	3 845	4 269	4 865	5 280

See footnotes 1 to 9 on page 289.

17.15 Finance houses and other credit companies in Great Britain: assets and liabilities

	£ million										
	1978	1979	1980	1981	1981 ¹	1982	1983	1984	1985	1986	1987
Assets											
Total	4 004	5 309	5 807	6 295	2 234	2 620	3 435	3 858	4 648	5 509	6 650
Cash in hand and balances with UK monetary sector ²	153	152	157	204	49	30	43	54	58	60	78
Amounts outstanding on loans and advances: on agreements block discounted by retailers and financial institutions	28	37	42	38	3	3	3	3	3	1	1
on finance leases ³	..	..	..	..	..	..	..	..	..	575	648
on other loans and advances ⁴ : to individuals (including unincorporated businesses)	1 834	2 441	2 767	3 039	1 183	1 317	1 842	2 204	2 815	3 561	4 307
to UK financial institutions outside the monetary sector	190	286	238	262	-	-	-	-	-	-	-
to UK industrial and commercial companies	996	1 296	1 487	1 537	464	597	862	891	1 041	897	1 042
to overseas residents	6	10	-	-	-	-	-	-	-	-	-
Other current assets:											
Certificates of deposit	11	26	11	17	7	8	6	6	7	6	5
Other	72	103	101	81	48	83	115	143	146	255	362
Real assets:											
for own use	32	57	72	73	29	34	25	24	40	53	62
for leasing under operating leases, hiring or renting out ³	463	602	705	823	391	503	496	494	488	26	36
Company and government securities	140	201	131	104	30	25	25	24	30	33	33
Other assets	79	98	96	117	30	20	18	15	20	42	76
Liabilities											
Total	4 004	5 309	5 807	6 295	2 234	2 620	3 435	3 858	4 648	5 509	6 650
Borrowing (including deposits by and borrowing from other group companies):											
Commercial bills	451	756	693	944	339	452	557	658	772	750	682
Short term borrowing from UK monetary sector (excl. deposits)	413	547	450	415	845	900	1 197	1 364	1 646	1 833	2 647
Deposits and medium and long term borrowing from UK monetary sector	764	917	1 429	1 465	279	374	609	667	937	1 272	1 634
Borrowing from other UK financial institutions	729	993	827	888	33	25	28	28	33	36	143
Other borrowing:											
UK	643	853	931	890	99	113	190	209	170	345	231
Overseas	116	135	146	165	21	22	21	22	26	27	27
Other current liabilities	152	202	249	295	135	132	174	190	252	334	288
Issued capital	234	258	320	585	111	106	106	108	106	109	112
Reserves and provisions	502	648	762	648	372	496	553	612	706	803	886

1 Many companies included in these statistics became part of the new monetary sector at end-1981. See table 17.3. The new coverage excludes such companies, with the 1981 figures showing the position immediately after the transfer.

2 Data up to end-1981 were collected on a different return and in some cases have been estimated.

3 Prior to 1986, amounts outstanding on finance leases are included with real assets for leasing, hiring or renting out.

4 Net of unearned credit charges.

17.16

End-year assets and liabilities of investment trust companies, unit trusts and property unit trusts^{1, 2}

	£ million											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Investment trust companies												
Short-term assets and liabilities (net):	322	223	314	202	230	283	249	154	404	365	434	1 096
Cash and UK bank deposits	180	159	210	163	187	210	186	273	366	429	442	967
Other short-term assets	217	146	176	213	216	221	269	244	381	722	578	475
Short-term liabilities	-75	-82	-72	-174	-173	-148	-206	-363	-343	-786	-586	-346
Medium and long-term liabilities and capital:	..	..	..	-7 194	-8 546	-9 188	-10 241	-13 419	-15 826	-18 385	-20 828	-15 451
Issued share and loan capital	..	..	..	-1 951	-2 013	-2 211	-2 087	-2 258	-2 445	-2 713	-3 202	-3 010
Foreign currency borrowing	..	..	..	-342	-280	-228	-361	-538	-608	-592	-401	-463
Other borrowing	..	..	..	-12	-24	-69	-88	-100	-94	-89	-176	-286
Reserves and provisions, etc.	..	..	..	-4 889	-6 229	-6 680	-7 705	-10 523	-12 679	-14 991	-17 049	-11 692
Investments:	5 745	6 341	6 460	6 996	8 352	8 904	10 051	13 371	15 251	18 085	20 468	14 410
British government securities	164	321	232	320	266	183	199	310	306	464	308	453
UK company securities:												
Loan capital and preference shares	156	177	172	134	132	136	129	172	136	279	374	374
Ordinary and deferred shares	2 711	3 729	3 734	4 160	4 620	4 673	4 604	5 306	6 322	8 069	8 859	6 943
Overseas company securities:												
Loan capital and preference shares	112	82	87	75	98	203	344	396	400	507	718	363
Ordinary and deferred shares	2 459	1 891	2 067	2 139	3 042	3 514	4 256	6 570	7 259	7 820	9 255	5 652
Other investments	143	141	168	168	194	195	519	617	828	946	954	625
Unit trusts												
Short-term assets and liabilities:	362	324	400	209	179	254	348	569	901	1 179	1 392	2 345
Cash and UK bank deposits	323	293	427	178	126	210	189	475	651	1 141	1 115	2 683
Other short-term assets	101	93	100	89	90	90	204	205	420	462	792	685
Short-term liabilities	-62	-62	-127	-58	-37	-46	-45	-111	-170	-424	-515	-1 023
Foreign currency borrowing	..	..	..	-35	-12	-3	-58	-123	-128	-475	-190	-5
Investments:	2 271	3 109	3 474	3 600	4 629	5 369	7 309	10 843	13 997	18 433	30 309	32 921
British government securities	32	32	32	52	72	175	322	415	566	512	538	669
UK company securities:												
Loan capital and preference shares	63	78	102	76	64	106	154	225	283	505	961	1 544
Ordinary and deferred shares	1 705	2 572	2 732	2 758	3 357	3 566	4 457	5 954	8 201	10 884	16 424	20 291
Overseas company securities:												
Loan capital and preference shares	5	12	10	6	14	31	49	58	109	249	424	381
Ordinary and deferred shares	463	411	594	688	1 081	1 454	2 229	4 091	4 689	6 179	11 747	9 657
Other assets	3	4	4	20	41	37	98	100	149	104	215	379
Property unit trusts												
Short-term assets and liabilities (net)	..	..	..	135	152	158	146	180	147	67	85	68
Property	..	..	..	757	951	1 271	1 321	1 426	1 364	928	987	584
Other assets	..	..	..	49	166	259	216	333	439	341	200	182
Long-term borrowing	..	..	..	-60	-50	-69	-67	-77	-81	-40	-29	-1

Note: Assets are shown as being positive; liabilities as being negative.

figures have been grossed up to cover non-contributors to the series. Also from end-1979 annual balance sheet returns were introduced for property unit trusts.

1 Investments are at market value.

2 From end-1979 revised reporting forms for investment trust companies and for unit trusts, giving additional information, were introduced and their reported

Source Bank of England

17.17

Self-administered pension funds:
market value of assets
 United Kingdom

£ million, end year

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total pension funds ^{1,2,3}											
Total net assets	20 711	29 936	35 447	42 348	55 791	65 682	86 907	111 375	134 402	156 395	190 472
Short-term assets	1 549	1 926	2 075	2 716	2 571	2 694	3 190	4 809	6 739	7 112	8 595
British government securities	4 285	6 829	7 945	9 511	12 011	13 022	18 984	22 631	24 505	27 233	29 224
UK local authority long-term debt ⁴	340	299	252	248	198	156	189	234	211	205	218
Overseas government securities	18	17	70	46	102	120	422	518	714	1 063	1 160
UK company securities	10 068	14 791	17 180	19 690	26 005	30 129	39 257	50 990	66 047	80 580	100 054
Overseas company securities	1 114	1 178	1 674	2 026	4 325	6 321	9 742	15 566	17 998	21 862	31 078
Local authorities mutual investment trust	83	85	74	104	116	141	79	89	124	90	128
Loans and mortgages	307	246	611	591	402	450	480	493	513	448	443
UK land and property and ground rents ⁵	2 826	4 268	4 927	6 242	8 305	9 782	10 654	11 293	12 359	12 929	13 941
Property unit trusts	518	776	948	1 240	1 441	1 678	2 076	2 308	2 424	2 357	2 137
Other assets ^{5,6}	..	..	417	682	1 124	2 000	2 737	3 732	4 543	4 448	5 333
Long-term borrowing ⁷	-202	-242	-422	-409	-365	-447	-451	-525	-615	-486	-446
Short-term liabilities ⁷	-195	-237	-304	-339	-444	-364	-452	-763	-1 160	-1 446	-1 393
Private sector ³											
Total net assets	12 517	17 970	21 295	24 949	33 102	38 831	51 310	66 591	80 036	100 076	120 674
Short-term assets	936	1 297	1 300	1 672	1 542	1 628	1 962	2 965	3 889	4 611	5 765
British government securities	2 633	4 207	5 047	5 870	7 603	8 039	11 397	13 639	14 899	17 777	18 940
UK local authority long-term debt ⁴	110	135	138	130	98	76	80	73	60	67	73
Overseas government securities	16	16	61	40	56	91	247	318	494	618	514
UK company securities	6 100	8 876	10 456	11 645	15 526	17 896	23 333	30 370	39 347	51 442	63 407
Overseas company securities	799	765	1 005	1 198	2 388	3 774	6 047	9 657	11 128	13 877	19 160
Loans and mortgages	168	147	293	269	210	205	217	204	202	170	157
UK land and property and ground rents ⁵	1 529	2 171	2 423	3 279	4 415	5 143	5 282	5 846	6 445	7 646	8 343
Property unit trusts	373	527	638	830	980	1 080	1 380	1 634	1 677	1 624	1 398
Other assets ^{5,6}	..	..	302	423	714	1 336	1 869	2 579	2 842	3 206	4 018
Long-term borrowing ⁷	-92	-129	-181	-239	-224	-247	-222	-239	-257	-236	-211
Short-term liabilities	-55	-42	-187	-168	-206	-190	-282	-455	-690	-726	-890
Local authorities											
Total net assets	2 652	3 849	4 304	4 942	6 891	8 167	11 268	14 316	17 982	20 765	25 526
Short-term assets	163	138	205	279	263	304	306	446	755	949	1 007
British government securities	717	1 169	1 227	1 411	1 845	1 977	2 925	3 249	3 221	3 446	3 703
UK local authority long-term debt ⁴	167	118	102	94	85	66	68	71	68	48	41
Overseas government securities	1	1	1	1	2	5	21	27	93	159	129
UK company securities	1 319	1 970	2 240	2 436	3 479	4 180	5 686	7 482	9 854	11 569	14 142
Overseas company securities	88	151	134	168	530	720	1 179	1 824	2 553	3 187	4 812
Local authorities mutual investment trust	83	85	74	104	116	141	79	89	124	90	128
Loans and mortgages	—	2	3	3	4	2	1	—	—	—	1
UK land and property and ground rents ⁵	90	140	210	287	387	493	613	692	833	893	997
Property unit trusts	43	106	123	160	172	258	363	400	452	474	487
Other assets ^{5,6}	3	4	15	20	47	52	74	102	132	138	201
Long-term borrowing ⁷	—	—	—	—	—	—	—	—	—	-2	—
Short-term liabilities	-22	-35	-30	-21	-39	-31	-47	-66	-103	-186	-122
Other public sector ^{1,2,3}											
Total net assets	5 542	8 117	9 848	12 457	15 798	18 684	24 329	30 468	36 384	35 554	44 272
Short-term assets	450	491	570	765	766	762	922	1 398	2 095	1 552	1 823
British government securities	935	1 453	1 671	2 230	2 563	3 006	4 662	5 743	6 385	6 010	6 581
UK local authority long-term debt ⁴	63	46	12	24	15	14	41	90	83	90	104
Overseas government securities	1	—	8	5	44	24	154	173	127	286	517
UK company securities	2 649	3 945	4 484	5 609	7 000	8 053	10 238	13 138	16 846	17 569	22 505
Overseas company securities	227	262	535	660	1 407	1 827	2 516	4 085	4 317	4 798	7 106
Loans and mortgages	139	97	315	319	188	243	262	289	311	278	285
UK land and property and ground rents	1 164	1 892	2 294	2 676	3 503	4 146	4 759	4 755	5 081	4 390	4 601
Property unit trusts	102	143	187	250	289	340	333	274	295	259	252
Other assets ⁶	40	61	100	239	363	612	794	1 051	1 569	1 104	1 114
Long-term borrowing ⁷	-110	-113	-241	-170	-141	-200	-229	-286	-358	-248	-235
Short-term liabilities	-118	-160	-87	-150	-199	-143	-123	-242	-367	-534	-381

1 These figures cover funded schemes only and therefore exclude the main superannuation arrangements in the central government sector.

2 Prior to 1978 no adjustment has been made for funds representing some 42 per cent (other public sector) of total assets which have an accounting year other than end-December (usually end-March).

3 Funds where the parent has been privatised are included in the private sector from the year in which privatisation took place if that occurred by the end of September, or from the following year if privatisation was in October or later.

4 From 1982 including UK public corporation securities.

5 Other assets are included with UK land, property and ground rent prior to 1978.

6 Including overseas land and property.

7 Liabilities are shown negative.

Source Department of Trade and Industry

17.18 Insurance companies: balance sheet

Market values

£ million, end-year

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Assets											
Long-term business assets:											
Total current assets (gross)	930	1 075	1 341	1 389	1 394	1 955	2 382	2 677	4 264	4 363	5 369
Agents' and reinsurance balances (net) ¹	472	561	205	246	269	309	313	382	172	214	303
Other debtors ²	..	..	394	468	537	641	761	935	1 096	1 161	1 638
British government securities	4 917	8 834	9 260	11 340	14 632	15 249	22 782	25 794	27 608	30 456	31 448
UK local authority long-term debt ³	425	601	558	541	664	627	658	691	854	726	1 073
UK company securities ⁴	8 246	12 358	13 122	13 820	17 978	20 464	27 127	35 126	45 134	55 315	74 516
Overseas company securities	1 062	940	1 162	1 155	2 059	3 110	5 051	7 711	10 130	12 278	16 319
Overseas government securities	107	98	151	112	128	226	738	1 148	1 836	1 803	2 142
Loans and mortgages	2 920	2 961	3 008	3 161	3 472	3 678	3 691	3 968	4 056	4 342	4 806
UK land, property and ground rents	5 254	6 637	8 446	10 330	12 362	14 490	15 993	17 169	18 693	20 162	21 993
Other investments ⁵	155	191	156	164	183	265	401	495	616	538	583
Total assets	24 487	34 256	38 164	42 727	53 678	61 014	79 897	96 096	114 459	131 358	160 190
Other than long-term business assets:											
Total current assets (gross)	993	989	1 075	1 235	1 171	1 370	1 325	1 720	2 185	2 634	3 767
Agents' and reinsurance balances (net) ¹	970	1 158	1 313	1 649	1 839	2 003	2 432	2 828	2 342	2 726	3 025
Other debtors ²	..	..	131	224	281	359	402	473	528	656	486
British government securities	1 058	1 724	1 806	2 177	2 777	3 221	4 269	4 909	4 709	4 860	5 873
UK local authority long-term debt ³	123	185	209	185	180	113	119	76	96	70	70
UK company securities ⁴	1 247	1 963	2 048	2 162	2 755	3 029	3 704	4 405	5 085	5 931	7 176
Overseas company securities	375	424	475	525	658	885	1 149	1 326	2 055	2 210	3 022
Overseas government securities	112	154	274	307	322	417	843	1 001	1 704	1 575	2 334
Loans and mortgages	237	251	224	255	297	327	379	462	418	412	667
UK land, property and ground rents	330	516	797	952	1 280	1 450	1 568	1 640	1 691	1 616	1 795
Other investments ⁵	17	11	49	61	105	118	162	140	189	269	241
Total assets	5 462	7 375	8 401	9 729	11 665	13 292	16 352	18 980	21 002	22 959	28 456
Net value of direct investment in:											
Non-insurance subsidiaries and associate companies in the United Kingdom									1 382	1 618	2 124
UK associate and subsidiary insurance companies and insurance holding companies									1 204	1 218	1 405
Overseas subsidiaries and associates									4 703	5 234	6 907
Total assets									142 750	162 387	199 082
Liabilities											
Borrowing:											
Borrowing from UK monetary sector institutions							333	511	1 766	1 741	2 266
Other UK borrowing				524	444	542	421	618	215	326	447
Borrowing from overseas									644	434	666
General business technical reserves									12 858	14 481	17 351
Long-term business:											
Funds									86 167	100 174	118 884
Claims admitted but not paid									346	402	572
Provision for taxation net of amounts receivable:											
UK authorities									-31	671	730
Overseas authorities									33	43	45
Provision for recommended dividends									491	418	595
Other creditors and liabilities									1 305	1 515	2 086
Excess of assets over above liabilities:											
Excess of value of assets over liabilities in respect of long-term funds									26 675	29 159	38 531
Minority interests in UK subsidiary companies									3	2	3
Shareholders' capital and reserves in respect of general business									11 263	11 464	14 755
Other reserves including profit and loss account balances									1 015	1 557	2 151
Total liabilities									142 750	162 387	199 082

1 Prior to 1978 agents' and reinsurance balances include outstanding interest, dividends and rents. Up to 1983, agents' and reinsurance balances are shown gross of amounts payable by insurance companies.

2 Including outstanding interest, dividends and rents (net) which, up to 1983 are shown gross of amounts payable by insurance companies. Amounts receivable from Inland Revenue are included up to 1983.

3 From 1984 including UK public corporation securities.

4 Including authorised unit trust units.

5 Including overseas land and property.

Source Department of Trade and Industry

17.19

Industrial and provident societies¹
Great Britain

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of societies	9 445	9 279	9 321	9 390	9 664	9 736	9 601	9 662	9 799	9 940	10 207
Number of members (thousands)	14 030	14 092	13 995	13 798	13 558	13 547	12 961	12 460	11 948	11 267	11 883
Assets (£ thousand)	3 579 086	4 439 155	5 342 578	6 311 910	7 456 987	8 837 347	10 400 488	11 761 990	13 330 091	14 937 025	15 645 308

1 The annual returns from which these figures are derived are mainly made up to dates varying between September of the year shown and January of the following year.

Source Registry of Friendly Societies

17.20

Co-operative trading societies¹
Great Britain

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of societies											
General trading societies:											
Retail societies	312	296	294	280	270	251	243	237	229	217	213
Principal wholesale societies ²	2	2	2	2	2	2	2	2	2	2	2
Other wholesale and productive societies	78	97	111	118	148	163	187	203	219	225	232
Agricultural and fishing trading societies	521	524	536	539	541	550	584	597	611	623	636
Number of members (thousands)											
General trading societies:											
Retail societies	10 419.2	10 422.6	10 325.3	10 117.3	9 752.9	9 426.4	8 849.4	8 359.3	7 857.1	7 186.1	7 805.4
Principal wholesale societies ²	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
Other wholesale and productive societies	39.8	40.3	41.3	42.6	153.1	43.9	44.3	45.9	50.9	53.7	52.7
Agricultural and fishing trading societies	323.0	315.8	318.8	316.0	312.2	309.4	304.3	305.9	305.9	300.8	294.6
Sales (£ million)											
General trading societies:											
Retail societies ³	2 290.4	2 548.0	2 798.3	3 078.5	3 446.9	3 644.3	3 771.2	3 913.7	4 125.6	3 994.7	3 989.4
Principal wholesale societies ²	1 230.5	1 391.0	1 500.5	1 613.0	1 755.6	1 833.9	1 933.6	2 080.6	2 087.0	2 248.7	2 308.7
Other wholesale and productive societies	182.1	213.5	266.7	284.1	407.0	432.6	512.8	561.9	609.7	694.9	687.9
Agricultural and fishing trading societies	774.9	913.0	1 005.4	1 118.6	1 228.7	1 365.3	1 541.9	1 596.6	1 700.7	1 697.8	1 683.3
Share and loan capital⁴ (£ thousand)											
General trading societies:											
Retail societies	371 271	417 327	471 215	524 073	630 210	658 657	680 818	654 553	676 951	638 742	695 144
Principal wholesale societies ²	164 911	184 621	189 705	231 658	250 084	269 645	301 194	313 668	292 194	301 294	299 127
Other wholesale and productive societies	25 558	30 782	38 442	44 555	53 784	56 186	57 924	62 377	67 863	71 151	69 540
Agricultural and fishing trading societies	79 783	92 454	104 481	117 109	130 938	154 999	161 590	186 614	188 028	190 541	198 501

1 These societies are registered under the Industrial and Provident Societies Acts and are included in Table 17.19. See also footnote 1 to that table.
2 Co-operative Wholesale Society Ltd., Scottish Co-operative Society Ltd., and Co-operative Tea Society Ltd. During 1973 the businesses of the last two mentioned societies were transferred to the Co-operative Wholesale Society Ltd. Only in respect of the Scottish Co-operative Society Ltd. has the registry been cancelled.

3 These figures include the sale of goods purchased from the wholesale societies which are also included in the sales of those societies in this table.
4 Including net balance disposable and reserves but excluding loans from non-members.

Source Registry of Friendly Societies

17.21 Collecting societies
Great Britain

	£ thousand										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Income: total	129 092	143 220	159 392	189 667	218 639	251 204	266 778	293 096	355 638	341 834	379 674
Premiums	77 632	84 231	92 766	112 398	129 242	138 529	151 193	164 353	173 476	177 466	186 838
Interest	50 631	57 690	65 721	76 157	88 188	99 263	113 971	124 373	142 087	158 191	173 618
Miscellaneous ¹	828	1 299	905	1 112	1 209	13 412	1 614	4 370	40 076	6 178	19 218
Expenditure: total	100 600	100 379	108 831	117 211	135 051	147 430	172 724	190 483	196 417	208 377	235 503
Claims	43 923	46 418	49 047	52 822	57 111	55 343	57 956	65 971	70 931	78 187	94 073
Cash bonuses	798	894	885	964	1 045	1 052	1 383	1 126	1 156	1 143	1 039
Surrenders	10 318	11 789	10 984	12 145	15 848	23 828	29 602	35 918	39 166	42 469	43 636
Expenses of management	39 855	39 996	45 757	49 919	57 784	64 676	72 496	74 288	77 688	79 058	86 074
Miscellaneous	5 707	1 283	2 158	1 362	3 263	2 532	11 287	13 179	7 476	7 519	10 681
Funds at end of year	628 329	671 062	721 514	793 492	877 246	980 971	1 075 063	1 177 384	1 336 582	1 470 102	1 613 759

1 Including accrued interest.

Source Office of the Industrial Assurance Commissioner

17.22 Friendly societies¹
Great Britain

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of societies, orders and branches ²	4 951	4 793	4 587	4 455	4 242	4 069	3 927	3 814	3 659	3 478	3 350
Number of members ² (Thousands) total	4 059	3 957	3 744	3 651	3 596	3 431	3 349	3 246	3 213	3 095	2 968
Societies without branches	3 331	3 262	3 073	3 021	2 987	2 830	2 766	2 687	2 673	2 581	2 491
Orders and branches	727	695	671	630	608	601	583	560	540	514	477
Benefits paid (£ thousand)											
Sickness pay: total	5 702	6 254	6 852	6 841	6 578	7 109	7 982	7 639	8 396	9 280	10 671
Societies without branches	4 739	5 344	5 908	5 929	5 747	6 290	7 193	6 841	7 660	8 558	9 995
Orders and branches	963	910	944	912	831	819	789	798	736	722	676
Sums at death: total	3 022	3 183	3 542	3 663	4 039	4 364	4 982	5 321	5 726	6 932	6 984
Societies without branches	2 662	2 812	3 165	3 313	3 700	4 034	4 610	4 903	5 371	6 526	6 592
Orders and branches	360	371	377	350	339	330	372	418	355	406	392
Other benefits: total	41 698	28 201	27 750	31 920	37 384	48 320	48 364	54 503	62 468	76 810	100 857
Societies without branches	39 649	25 629	25 793	29 726	35 205	45 532	44 971	50 966	58 768	72 840	96 712
Orders and branches	2 049	2 572	1 956	2 194	2 179	2 788	3 393	3 537	3 700	3 970	4 145
Total funds ² (£ thousand)	392 491	407 640	444 635	488 986	545 915	613 817	719 040	851 790	1 023 990	1 227 190	1 233 799

1 Excluding collecting societies.

2 At end of year.

Source Registry of Friendly Societies

17.23

Life assurance¹
Industrial business
Great Britain

£ thousand

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Companies established in Great Britain											
Income: total	656 959	790 715	854 562	1 080 735	1 296 551	1 430 365	1 685 658	1 812 348	2 138 229	2 199 242	2 314 009
Premiums	401 261	447 251	501 687	657 172	781 168	841 217	902 175	972 028	1 076 709	1 084 091	1 132 260
Interest, etc. (gross)	235 774	267 548	306 000	375 872	439 128	484 959	564 385	592 598	667 168	730 495	795 900
Miscellaneous ²	19 924	75 916	46 875	47 692	76 254	104 189	219 098	247 722	394 352	384 656	385 849
Expenditure: total	510 239	557 806	608 959	699 425	829 058	961 773	1 119 894	1 228 631	1 403 906	1 562 315	1 711 128
Claims paid and outstanding	221 088	235 075	249 587	273 719	317 357	364 321	424 544	480 377	568 452	676 695	748 272
Surrenders	75 320	84 389	85 276	98 217	135 862	189 519	243 322	256 393	288 729	314 143	338 248
Expenses of management	175 365	195 830	225 014	267 812	312 322	339 157	357 047	378 058	407 967	425 031	448 848
Shareholders' surplus	7 942	9 363	10 745	13 060	15 954	20 829	25 140	30 245	45 797	45 150	49 091
Miscellaneous (including income tax)	30 523	33 149	38 337	46 617	47 564	47 946	69 842	83 557	92 961	101 296	126 669
Industrial assurance funds at end of year	2 581 942	2 814 851	3 081 954	3 463 264	3 930 757	4 400 480	4 969 117	5 552 834	6 287 156	6 924 083	7 527 524

1 The 'year' i.e., for each company included, its accounting year which ended between 1 September of the year shown and 31 August of the following year.

2 In 1975 includes £99 million transferred from investment and other reserves by five companies and £10 million written up by two companies on their investments. In 1977 includes £53 million transferred from investment reserves by two companies.

Source Office of the Industrial Assurance Commissioner

17.24

Returns of industrial assurances taken up and discontinued
Great Britain

Thousands

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Industrial assurance companies¹											
Paying:											
Assurances taken up during year	3 398	3 288	3 269	3 354	3 445	3 314	3 330	3 203	3 375	3 235	3 019
Assurances discontinued during year:											
Claims on death	803	768	757	776	724	696	688	656	628	612	583
Claims on maturity	970	999	985	975	967	1 017	1 054	1 076	1 192	1 168	1 076
Surrender for cash	1 740	1 750	1 628	1 609	1 807	2 051	2 217	2 084	2 044	1 940	1 858
Conversion to free policies:											
For full sums assured	397	412	429	420	418	462	421	450	424	455	528
For reduced sums assured	320	286	240	284	284	293	296	274	257	237	210
Forfeiture without grant of free policy or cash surrender value	581	580	546	472	484	536	536	514	536	564	735
Assurances in force at end of year	48 823	47 282	45 935	44 753	43 514	41 772	39 888	38 040	37 119	35 376	33 401
Free:											
Assurances converted to free policies during year	717	697	669	704	702	755	717	725	676	691	731
Assurances discontinued during year:											
Claims on death	510	483	473	568	522	521	519	512	502	513	515
Claims on maturity	35	35	36	111	76	84	86	91	97	100	96
Surrender for cash	199	180	158	155	176	192	193	197	183	201	178
Assurances in force at end of year	15 418	15 416	15 384	15 254	15 177	15 135	15 055	14 987	14 881	14 758	14 700
Collecting societies²											
Paying:											
Assurances taken up during year	623	594	563	521	516	463	440	417	370	356	343
Assurances discontinued during year:											
Claims on death	253	237	227	225	218	206	211	199	183	182	172
Claims on maturity	118	122	117	117	118	117	127	129	118	107	118
Surrender for cash	320	335	271	290	336	491	500	500	462	431	382
Conversion to free policies:											
For full sums assured	222	213	202	192	178	171	165	161	154	149	136
For reduced sums assured	193	203	185	178	162	93	80	77	69	64	66
Forfeiture without grant of free policy or cash surrender value	107	96	82	69	73	69	65	61	64	66	64
Assurances in force at end of year	14 806	14 192	13 667	13 117	12 541	11 847	11 137	10 419	9 741	9 108	8 519
Free:											
Assurances converted to free policies during year	415	416	388	370	340	264	245	239	222	212	201
Assurances discontinued during year:											
Claims on death	208	198	198	223	222	216	423	228	220	222	219
Claims on maturity	2	2	2	2	3	3	52	10	16	30	7
Surrender for cash	191	183	158	140	118	61	53	50	47	45	43
Assurances in force at end of year	7 878	7 910	7 941	7 943	7 945	7 935	7 653	7 595	7 535	7 452	7 381

1 Industrial assurance companies incorporated in Great Britain.

2 Collecting societies registered in Great Britain.

Source Office of the Industrial Assurance Commissioner

17.25

Acquisitions and mergers of companies
Analysis of expenditure by industry group of acquiring company

	Expenditure (£ million) ¹								Number of companies acquired							
	1980	1981	1982	1983	1984	1985	1986	1987	1980	1981	1982	1983	1984	1985	1986	1987
Industrial and commercial companies²																
Manufacturing industries:																
Food	15	99	48	92	536	277	356	449	15	17	14	19	22	24	45	36
Drink	110	13	34	8	209	473	2 773	331	6	7	8	3	21	14	11	12
Tobacco	—	39	—	—	51	662	—	—	—	2	—	—	1	1	—	—
Chemicals and man-made fibres	62	17	49	25	25	167	88	71	16	19	20	13	9	17	13	16
Mineral and ore extraction	—	—	—	—	17	62	—	2	—	—	—	—	1	1	—	2
Metals	7	13	61	31	23	52	123	73	11	16	19	22	9	3	31	30
Mechanical and instruments engineering	87	49	25	108	96	104	362	848	42	36	31	45	44	36	55	132
Electrical and electronic engineering	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machinery, etc.	114	84	31	91	762	158	214	1 374	13	36	22	29	44	40	61	92
Shipbuilding and vehicles	9	1	—	45	38	4	23	78	9	5	3	6	9	2	4	8
Metal goods nes	12	59	7	5	56	95	448	183	10	10	7	11	38	31	26	31
Textiles	11	21	9	8	32	249	909	104	17	22	15	9	15	14	21	28
Leather footwear and clothing	15	48	5	43	37	45	42	155	19	26	8	12	10	8	11	34
Non-metallic mineral products	44	16	180	31	34	98	212	167	11	10	7	7	7	9	14	20
Timber and furniture	12	5	33	24	23	4	54	801	13	7	8	7	7	3	9	31
Paper, printing and publishing	55	40	60	66	378	635	870	1 235	30	20	32	29	33	35	59	78
Other manufacturing	6	25	7	20	23	84	77	79	3	2	8	9	9	6	24	28
Mixed activity (mainly manufacturing)	—	—	—	972	1 220	85	2 730	822	—	—	—	14	4	7	18	31
Total manufacturing	559	529	549	1 568	3 558	3 256	9 281	6 771	215	235	202	235	283	251	402	609
Agriculture; forestry and fishing	534	107	270	{ 3 172	4 121	4 185	4 106	37 137	15	17	20	{ 2 18	3 17	2 14	3 11	5 14
Energy industries	—	—	—	193	262	94	469	281	42	31	39	31	35	9	20	46
Construction	57	90	140	—	—	—	—	—	—	—	—	—	—	—	—	—
Wholesaling (excluding petroleum)	29	41	210	43	305	59	218	375	27	19	34	39	48	29	48	93
Retailing	70	54	581	69	559	2 016	1 326	2 130	23	17	17	20	35	40	44	71
Hotels and catering	—	—	—	24	66	13	219	78	—	—	—	6	10	7	16	13
Transport and communication	37	24	9	55	97	33	62	369	18	9	13	7	13	12	8	7
Real estate	83	108	185	37	112	293	382	1 968	30	29	51	24	29	25	29	63
Services	47	76	243	141	220	403	620	784	75	59	61	53	86	64	95	163
Mixed activities (mainly non-manufacturing)	—	—	—	38 3	170 3	735 3	849	2 433	—	—	—	12 3	9 3	21 3	19	41
Mixed activities	59	114	20	—	—	—	—	—	24	36	26	—	—	—	—	—
Total all industrial and commercial companies	1 475	1 143	2 206	2 343	5 474	7 090	13 535	15 363	469	452	463	447	568	474	695	1 125

1 A merger (which takes place when two companies combine to form a new company) is reckoned as the acquisition of the smaller company by the larger and is valued at the market value of the smaller company's share in the newly formed company.

2 The headings relate to the 1983 and later figures which are based on the 1980 Standard Industrial Classification. There are changes in coverage in nearly all headings. The major ones being the transfer of:

(a) man-made fibres from textiles to chemicals

(b) office machinery from mechanical to electrical engineering

(c) marine engineering from shipbuilding to mechanical engineering

(d) mineral and ore extraction from energy to form a new heading

(e) coal and petroleum products, nuclear fuel from chemicals to energy

(f) distribution of motor vehicles and parts, retail distribution of petroleum products and repair of motor vehicles from services to wholesaling and retailing (repairs with retailing)

(g) estate agents from real estate to services

(h) hotels and catering from services to form a new heading

(i) mixed activities have been split between manufacturing and non-manufacturing

(j) the definition of total manufacturing in 1983 and in subsequent years is not comparable with earlier years

3 Not applicable for 1983 and onwards.

Source Department of Trade and Industry

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17.26

Income and finance of large companies^{1, 2}

Balance sheet summary										£ million
Balance sheet at end of accounting 'year' ³	1977	1978	1979	1980	1981	1982 ¹	1983	1984	1985	1986 ⁴
<i>Estimated number of companies</i>	<i>1 524</i>	<i>1 729</i>	<i>1 766</i>	<i>1 921</i>	<i>2 213</i>	<i>2 000</i>	<i>1 974</i>	<i>1 918</i>	<i>1 833</i>	<i>1 833</i>
Fixed assets:										
Net tangible assets	52 017	64 000	71 301	85 105	103 702	113 971	123 919	143 285	150 601	157 737
Intangible assets	3 236	3 218	3 368	6 110	2 830	4 024	4 978	6 855	7 067	6 975
Investments in unconsolidated subsidiaries	302	369	572	537	616	486	545	688	680	751
Total net fixed assets	55 555	67 588	75 242	91 752	107 148	118 481	129 443	150 828	158 348	165 463
Current assets and investments:										
Stocks and work-in-progress	37 463	41 801	49 322	53 455	57 074	59 051	61 369	68 459	63 924	65 942
Debtors, prepayments and Government grants receivable	32 963	37 549	43 352	46 390	56 290	59 185	67 086	75 519	76 248	77 583
Investments	11 172	11 714	13 484	11 855	13 233	15 380	15 884	21 075	22 427	21 141
Cash, short-term deposits and tax instruments	9 062	10 256	10 274	11 697	16 037	16 785	20 507	21 652	23 378	27 557
Total current assets and investments	90 661	101 321	116 432	123 397	142 634	150 402	164 846	186 705	185 977	192 223
Current liabilities:										
Bank loans, overdrafts and short-term loans ⁵	19 763	22 251	25 188	30 065	35 420	37 859	41 103	47 179	42 602	41 205
Creditors and accruals	36 012	41 072	48 339	52 712	64 150	69 965	82 149	92 247	95 228	93 677
Dividends and interest due	1 441	1 634	2 167	2 327	2 700	2 957	3 230	3 999	4 958	5 630
Current taxation ⁶	3 420	4 643	5 594	6 844	7 176	8 191	7 697	9 308	11 355	15 311
Total current liabilities	60 636	69 599	81 288	91 949	109 446	118 972	134 178	152 733	154 143	155 823
Net current assets	30 025	31 722	35 144	31 448	33 198	31 430	30 668	33 972	31 835	36 400
Total net assets	85 580	99 309	110 386	123 200	140 346	149 911	160 111	184 800	190 183	201 863
Financed by:										
Shareholders' interest	59 393	71 873	84 038	94 718	107 962	115 030	125 210	143 405	149 576	157 996
Minority shareholders' interest	3 419	4 405	4 984	6 537	8 160	9 856	10 972	11 803	9 555	8 818
Deferred taxation ⁷	8 623	6 020	5 113	5 455	5 987	7 355	9 865	11 389	11 560	10 815
Debentures, mortgages and long-term loans ⁸	14 145	17 011	16 251	16 490	18 236	17 670	14 064	18 202	19 491	24 232

Income and appropriation account										
Accounts for 'year' ³	1977	1978	1979	1980	1981	1982 ¹	1983	1984	1985	1986 ⁴
<i>Estimated number of companies</i>	<i>1 524</i>	<i>1 729</i>	<i>1 766</i>	<i>1 921</i>	<i>2 213</i>	<i>2 000</i>	<i>1 974</i>	<i>1 918</i>	<i>1 833</i>	<i>1 833</i>
Income from trading and other activities:										
Gross trading profit ^{4,9}	21 709	23 926	30 391	29 340	32 865	29 494	33 431	42 192	47 105	48 441
Total income	23 651	25 987	32 984	32 010	36 063	33 587	37 810	46 989	52 753	54 294
Less:										
Interest on bank and short-term loans	2 070	2 395	3 247	4 428	5 164	5 319	4 797	4 926	5 239	5 017
Hire of plant and machinery	1 257	1 613	1 758	1 870	1 945	2 360	2 149	2 335	2 880	2 594
Gross income	20 324	21 978	27 979	25 712	28 954	25 908	30 863	39 728	44 634	46 684
Appropriation of gross income:										
Depreciation and amounts written-off	4 474	5 400	6 325	7 408	8 826	8 068	8 819	11 632	13 276	15 029
Taxation	7 178	6 595	6 724	7 168	8 614	7 833	9 435	10 715	11 826	11 031
Dividends	2 173	2 610	4 011	3 709	4 109	4 375	5 469	7 023	8 302	9 331
Interest on long-term loans	1 135	1 399	1 510	1 545	1 452	1 395	1 273	1 707	2 022	2 109
Minority shareholders' interest	313	620	1 025	1 055	1 160	1 089	1 199	1 388	1 356	758
Retained income	5 051	5 353	8 384	4 827	4 790	3 146	4 670	7 263	7 852	8 423
Total appropriation of gross income	20 324	21 978	27 979	25 712	28 954	25 908	30 863	39 728	44 634	46 684

See *Note* and footnotes on page 299.

Source Business Statistics Office

17.26

Income and finance of large companies^{1,2}

(continued)

Sources and uses of funds

Accounts for 'year' ³	1977	1978	1979	1980	1981	1982 ¹	1983	1984	1985	1986 ⁴
<i>Estimated number of companies</i>	<i>1 524</i>	<i>1 729</i>	<i>1 766</i>	<i>1 921</i>	<i>2 213</i>	<i>2 000</i>	<i>1 974</i>	<i>1 918</i>	<i>1 833</i>	<i>1 833</i>
Receipts from issues of share and loan capital	1 573	2 943	1 314	1 334	5 147	54	314	5 517	4 971	10 253
Increase in amount owing to banks, short-term lenders and creditors	4 282	4 748	10 074	5 480	15 539	13 233	14 466	14 984	-2 037	-966
Gross income	20 324	21 978	27 979	25 712	28 954	25 908	30 863	39 728	44 634	46 684
Other sources (including exchange differences)	-959	-656	-1 263	-744	3 217	2 965	1 294	4 196	-11 957	-991
Total sources of funds	25 221	29 013	38 104	31 781	52 856	42 161	46 938	64 425	35 611	54 980
Payments out of income	8 214	8 519	10 153	11 569	13 089	11 076	14 396	15 328	19 241	16 811
Expenditure on fixed assets, etc.	8 143	10 608	12 956	15 900	22 970	20 831	19 963	29 352	17 035	29 873
Increase in current assets and investments	8 864	9 885	14 995	4 310	16 797	10 253	12 579	19 745	-665	8 296
Total uses of funds	25 221	29 013	38 104	31 779	52 856	42 161	46 938	64 425	35 611	54 980

Supplementary information

Accounts for 'year' ³	1977	1978	1979	1980	1981	1982 ¹	1983	1984	1985	1986 ⁴
<i>Estimated number of companies</i>	<i>1 524</i>	<i>1 729</i>	<i>1 766</i>	<i>1 921</i>	<i>2 213</i>	<i>2 000</i>	<i>1 974</i>	<i>1 918</i>	<i>1 833</i>	<i>1 833</i>
Capital employed¹⁰	106 402	122 948	137 247	154 777	177 351	189 219	204 770	230 160	244 948	260 000
Turnover (where reported) ¹¹	220 940	245 939	280 676	308 051	336 654	362 790	390 548	434 306	468 543	451 875
Ratio of net income to average net assets (per cent)	19.7	17.9	20.9	16.0	15.4	12.5	14.4	16.4	16.8	17.1
Ratio of gross trading profit to turnover (per cent)	9.8	9.7	10.8	9.5	9.8	8.1	8.6	9.7	10.0	10.7
Ratio of current assets less stock to current liabilities (per cent)	..	85.5	82.6	76.1	78.2	76.8	77.1	77.4	79.2	81.0
Estimated number of overseas owned companies	486	442	437	508	465	313	313	295	295	295

Note: The figures are based on an analysis of company accounts and full details are given in Business Monitor MA3 Company finance (HMSO).

1 Listed and unlisted limited companies registered in Great Britain excluding companies whose main activity is insurance, banking or finance. From 1977 to 1981, figures are based on a sample of 1 000 or fewer companies with capital employed of £4.16 million in the current year. From 1982, figures are based on a panel initially of 2 000 companies, with capital employed of £2.9 million or more in 1981.

2 There may be a slight discrepancy between a total and the sum of its constituent items due to rounding.

3 The figures for a particular year relate to companies' accounting years ending between 1 April of the year shown and 31 March of the following year. 75 per cent of the larger companies have accounting periods ending in the fourth quarter of the calendar year or in the first quarter of the following year.

4 Provisional.

5 Loans, other than bank loans, which are wholly repayable within five years.

6 Includes all corporation tax, irrespective of the date on which it is payable, but is net of advance corporation tax recoverable.

7 Includes tax equalisation reserve and amounts charged to deferred tax for such things as capital gains tax and betterment levy.

8 Loans, other than bank loans, which are not wholly repayable within five years.

9 Relates to the position after charging directors' fees and emoluments, pensions to past directors, superannuation payments, compensation for loss of office, auditors' fees and any exceptional expenditure (e.g. on reorganisation or closure) but excluding any profit or loss on disposal of assets and before allowing for depreciation provisions, all interest on loans, and hire charges for plant and machinery.

10 Defined for the purpose of this analysis, as shareholders' interest (issued share capital and reserves), minority shareholders' interest, deferred taxation, long-term loans (including debentures and mortgages)—i.e. all the items which finance net assets—plus bank loans and overdrafts, short-term loans and indebtedness to directors and group members, less amounts due from group members.

11 Excludes VAT but includes excise duties.

Source Department of Trade and Industry

17.27

Individual insolvencies

	Number											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales												
Bankruptcies ^{1, 2}	7 108	4 403	3 826	3 456	3 986	5 075	5 654	6 981	8 178	6 730	7 093	6 994
Individual voluntary arrangements ³	—	—	—	—	—	—	—	—	—	—	—	404
Deeds of arrangement	99	82	70	44	52	76	46	51	51	48	62	29
Total	7 207	4 485	3 896	3 500	4 038	5 151	5 700	7 032	8 229	6 778	7 155	7 427
Scotland												
Sequestrations ⁴	128	132	127	106	150	181	213	282	292	298	437	808
Northern Ireland												
Bankruptcies ^{5, 6}	53	49	44	37	41	70	78	103	114	150	193	134
Deeds of arrangement	—	—	—	—	—	—	—	—	—	—	—	—
Total	53	49	44	37	41	70	78	103	114	150	193	134

1 Comprises receiving and administration orders under the Bankruptcy Act 1914 and bankruptcy orders under the Insolvency Act 1986.

2 Orders later consolidated or rescinded are included in these figures.

3 Introduced under the Insolvency Act 1986.

4 Sequestrations awarded but not brought into operation are included in these figures.

5 Comprises bankruptcy adjudication orders, arrangement protection orders and orders for the administration of estates of deceased insolvents.

6 Orders later set aside or dismissed are included in these figures.

Source Department of Trade and Industry

17.28

Company insolvencies

	Number											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
England and Wales												
Compulsory liquidations	2 511	2 425	2 265	2 064	2 935	2 771	3 745	4 807	5 260	5 761	5 204	4 116
Creditors' voluntary liquidations	3 428	3 406	2 821	2 473	3 955	5 825	8 322	8 599	8 461	9 137	9 201	7 323
Total	5 939	5 831	5 086	4 537	6 890	8 596	12 067	13 406	13 721	14 898	14 405	11 439
Scotland												
Compulsory liquidations	84	67	78	56	135	158	177	263	272	306	299	253
Creditors' voluntary liquidations	145	204	196	182	244	280	326	258	251	231	212	203
Total	229	271	274	238	379	438	503	521	523	537	511	461
Northern Ireland												
Compulsory liquidations	7	1	8	7	8	16	10	15	19	36	56	58
Creditors' voluntary liquidations	42	31	45	27	66	83	111	96	64	75	108	92
Total	49	32	53	34	74	99	121	111	83	111	164	150

Source Department of Trade and Industry

17.29

Industry analysis: bankruptcies and deeds of arrangement¹
 England and Wales

	1983	1984	1985	1986	1987
Industry					
Self-employed					
Agriculture and horticulture	98	155	136	130	172
Manufacturing:					
Food, drink and tobacco	10	36	26	16	17
Chemicals	1	3	4	—	2
Metals and engineering	107	99	84	92	147
Textiles and clothing	46	72	50	41	63
Timber and furniture	40	61	46	48	83
Paper, printing and publishing	35	32	30	36	39
Other manufacturing	24	84	55	44	35
Total manufacturing	263	387	295	277	386
Construction	1 180	901	788	801	1 123
Transport and communication	553	475	347	407	464
Wholesaling:					
Food, drink and tobacco	162	89	65	57	45
Motor vehicles	—	9	1	—	—
Other	132	89	69	41	61
Retailing:					
Food	251	499	421	452	468
Motor vehicles and filling stations	151	198	153	141	138
Other	656	815	714	755	620
Financial institutions	—	28	13	3	99
Business services	272	226	186	194	486
Hotels and catering	672	602	520	506	594
All other industries/businesses	765	1 444	1 220	1 249	462
Total: self-employed	5 155	5 917	4 928	5 013	5 118
Other individuals					
Employees	450	527	419	504	591
No occupation and unemployed	321	550	393	492	597
Directors and promoters of companies	587	568	486	524	441
Occupation unknown	114	215	180	229	276
Total: other individuals	1 472	1 860	1 478	1 749	1 905
Total	6 627	7 777	6 406	6 762	7 023

¹ The total is not the same as in table 17.27 because from 1983 to 1986 bankruptcies were analysed by industry after cases consolidated or rescinded

during the year had been excluded. In 1987 individual voluntary arrangements are not included because they cannot be analysed by industry.

17.30

Industry analysis: company insolvencies
 England and Wales

	1983	1984	1985	1986	1987
Industry					
Agriculture and horticulture	74	77	102	128	126
Manufacturing:					
Food, drink and tobacco	84	132	129	133	140
Chemicals	117	115	138	112	97
Metals and engineering	1 519	1 338	1 376	1 371	1 035
Textiles and clothing	1 166	1 283	1 408	1 502	1 041
Timber and furniture	294	382	495	427	378
Paper, printing and publishing	450	479	494	497	380
Other manufacturing	541	681	797	734	557
Total manufacturing	4 171	4 410	4 837	4 776	3 628
Construction	1 776	1 831	1 975	1 914	1 490
Transport and communication	855	730	757	765	657
Wholesaling:					
Food, drink and tobacco	247	249	303	261	238
Motor vehicles	97	129	131	165	134
Other	979	838	813	624	511
Retailing:					
Food	186	206	238	262	216
Motor vehicles and filling stations	459	352	369	325	173
Other	1 569	1 538	1 552	1 383	1 047
Financial institutions	172	186	222	251	212
Business services	1 477	930	869	935	781
Hotels and catering	401	382	378	374	380
All other industries/businesses	943	1 816	2 352	2 242	1 846
Total	13 406	13 721	14 898	14 405	11 439

Source Department of Trade and Industry

18 Prices

Producer price index numbers (Table 18.1 – 18.4)

The producer price indices were published for the first time in August 1983, replacing the former wholesale price indices. Full details of the differences between the two indices were given in an article published in *British business*, 15 April 1983.

The producer price indices are calculated using the same general methodology as that used by the wholesale price indices. A comprehensive guide to the collection and calculation of the wholesale price indices entitled *Wholesale price index: principles and procedures* is published by the Government Statistical Service and is available from HMSO, price £5.60.

The index numbers in Tables 18.1 and 18.2 are constructed on a net sector basis. That is to say, they are intended to measure only transactions between the sector concerned and other sectors: within sector transactions are excluded. Index numbers for the whole of manufacturing are thus not weighted averages of sector index numbers.

All the index numbers are compiled exclusive of value-added tax. Revenue duties on cigarettes, manufactured tobacco and alcoholic liquor are included as is the duty on hydrocarbon oils.

The indices relate to the average prices for a year.

Purchasing power of the pound (Table 18.5)

Changes in the internal purchasing power of a currency may be defined as the ‘inverse’ of changes in the levels of prices; when prices go up, the amount which can be purchased with a given sum of money goes down. Movements in the internal purchasing power of the pound are based on the consumers’ expenditure deflator (CED) prior to 1962 and on the General index of retail prices (RPI) from January 1962 onwards. The CED shows the movement in prices implied by the national accounts estimates of consumers’ expenditure valued at current and at constant prices, whilst the RPI is constructed directly by weighting together monthly movements in prices according to a given pattern of household expenditure derived from the Family Expenditure Survey. If the purchasing power of the pound is taken to be 100p in a particular month (quarter, year), the comparable purchasing power in a subsequent month (quarter, year) is

$100 \times \frac{\text{earlier period price index}}{\text{later period price index}}$, where the price index used is the CED for years 1946–1961 and the RPI for periods after 1961.

A long series on the purchasing power of the pound back to 1914, the latest information and a detailed explanation of the estimation of changes in the purchasing power of the pound are given in ‘The Internal Purchasing Power of the Pound’, a leaflet obtainable from the Information Services Division, Cabinet Office, Room 58/G, Government Offices, Great George Street, London, SW1P 3AQ.

Index of retail prices (Table 18.6)

The retail prices index measures the change from month to month in the average level of prices of goods and services purchased by most households in the United Kingdom. The expenditure pattern on which the index is based is revised each year using information from the

Family Expenditure Survey. The expenditure of certain higher income households and households of retired people dependent mainly on social security benefits is excluded.

The index covers a large and representative selection of more than 600 separate goods and services, for which price movements are regularly measured in more than 180 towns throughout the country. Approximately 130 000 separate price quotations are used in compiling the index.

The index of retail prices replaced the interim index from January 1956 (indices of the interim index of retail prices for the period 1952 to January 1956 were last published in *Annual Abstract of Statistics* No. 103, 1965). A new set of weights was introduced, based on ascertained expenditure in 1953–54, valued at January 1956 prices. Between January 1962 and 1974 the weights have been revised each January on the basis of ascertained expenditure in the three years ended in the previous June, valued at prices obtaining at the date of revision. From 1975 the weights have been revised on expenditure for the latest available year.

Following the recommendations of the Retail Prices Index Advisory Committee, the index has been re-referenced to make January 13, 1987 = 100. Calculations of price changes which involve periods spanning the new reference date are made as follows:

$$\% \text{ change} = \frac{\frac{\text{Index for later month}}{(\text{Jan } 1987 = 100)} \times \frac{\text{Index for Jan } 1987}}{(\text{Jan } 1974 = 100)} - 100$$

Tax and price index (TPI) (Table 18.7)

The purpose and methodology of the TPI were described in an article in the August 1979 issue (No. 310) of *Economic Trends* (HMSO). The TPI measures the increase in gross taxable income needed to compensate taxpayers for any increase in retail prices. The RPI measures changes in retail prices; the TPI also takes account of the changes to direct taxes (and employees’ National Insurance contributions) facing a representative cross-section of taxpayers. It is thus an additional, more comprehensive, index.

Between Budgets the monthly increase in the TPI is normally slightly larger than that in the RPI, since all the extra income needed to offset any rise in retail prices is fully taxed. When direct taxation or employees’ National Insurance contributions change the TPI will rise by less than or more than the RPI according to the type of changes made. However, the focus of attention should be the changes over twelve months.

Index numbers of agricultural prices (Tables 18.8 and 18.9)

The indices of agricultural prices for the United Kingdom are based on the calendar year 1980 are designed to provide an indication of movements in the purchase prices of the means of agricultural production and of the prices received by producers for their agricultural products. The methodology is compatible with that used for the other member states of the European Community and enables the compilation of indices for the Twelve, which appear in the Communities Eurostat series of publications.

18.1

Producer price index numbers of materials and fuel purchased

United Kingdom
Annual averages

1985 = 100

	1980 SIC Division, class or group	1984	1985	1986	1987
Materials and fuel purchased by manufacturing industry	2 to 4	98.9	100.0	92.4	95.3
Materials		99.6	100.0	93.6	97.4
Fuel		95.6	100.0	87.2	85.5
Materials and fuel purchased by manufacturing industry—seasonally adjusted	2 to 4 excluding 41/42	99.0	100.0	92.5	95.4
Materials and fuel purchased by manufacturing industry other than the food, drink and tobacco manufacturing industries		97.1	100.0	89.5	94.0
Materials		95.7	100.0	90.1	96.5
Fuel		95.6	100.0	87.7	86.0
Materials and fuel purchased by the food, drink and tobacco manufacturing industries	41/42	100.9	100.0	98.8	99.5
Output of selected broad sectors of industry					
Metal manufacturing	22	96.9	100.0	95.3	99.2
Extraction of minerals not elsewhere specified	23	94.8	100.0	89.2	91.4
Non-metallic mineral products	24	93.2	100.0	95.2	98.0
Chemical industry	25	96.4	100.0	82.9	86.8
Man-made fibres	26	95.4	100.0	91.2	97.8
Metal goods, engineering and vehicles industries	3	96.2	100.0	98.4	101.6
Metal goods not elsewhere specified	31	96.4	100.0	97.9	101.0
Mechanical engineering	32	95.1	100.0	101.4	104.4
Electrical and electronic engineering	34	96.2	100.0	99.4	104.1
Motor vehicles and parts	35	95.2	100.0	102.3	106.8
Other transport equipment	36	95.3	100.0	101.6	105.1
Instrument engineering	37	96.1	100.0	101.7	105.8
Food manufacturing industries	411 to 423	101.9	100.0	99.1	99.5
Materials		102.2	100.0	99.9	100.4
Fuel		95.8	100.0	84.4	83.3
Textile industry	43	95.3	100.0	97.4	103.2
Footwear and clothing industries	45	94.8	100.0	100.0	104.5
Timber and wooden furniture industries	46	94.7	100.0	99.6	105.5
Paper and paper products; printing and publishing	47	95.6	100.0	100.1	108.1
Processing of rubber and plastics	48	97.8	100.0	98.2	104.8
Other manufacturing industries	49	98.8	100.0	98.6	104.9
Construction materials	5	94.5	100.0	103.6	109.3
Housebuilding materials	Part of 5	94.3	100.0	103.8	110.1

Source Business Statistics Office

18.2

Producer price index numbers of output (home sales)

United Kingdom
Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Output of manufactured products	2 to 4	95.0	100.0	104.3	108.3
Products of manufacturing industries other than the food, drink and tobacco manufacturing industries	2 to 4 excluding 41/42	94.6	100.0	104.1	108.6
Products of the food, drink and tobacco manufacturing industries	41/42	95.7	100.0	104.4	107.5
Output of selected broad sectors of industry					
Metal manufacturing	22	95.0	100.0	98.7	101.3
Extraction of minerals not elsewhere specified	23	94.1	100.0	105.8	109.8
Non-metallic mineral products	24	94.0	100.0	103.4	108.9
Chemical industry	25	95.2	100.0	101.7	105.8
Man-made fibres	26	96.6	100.0	104.7	105.7
Metal goods, engineering and vehicles industries	3	95.0	100.0	104.3	108.6
Metal goods not elsewhere specified	31	94.4	100.0	103.9	107.9
Mechanical engineering	32	95.0	100.0	104.4	109.0
Electrical and electronic engineering	34	95.5	100.0	104.2	108.2
Motor vehicles and parts	35	93.3	100.0	106.5	114.3
Instrument engineering	37	95.8	100.0	105.0	109.3
Food manufacturing industries	411 to 423	97.2	100.0	102.8	105.5
Textile industry	43	94.6	100.0	104.5	109.4
Footwear and clothing industries	45	95.2	100.0	104.7	108.3
Timber and wooden furniture industries	46	94.4	100.0	104.1	110.6
Paper and paper products; printing and publishing	47	93.1	100.0	103.7	109.3
Processing of rubber and plastics	48	95.4	100.0	104.4	108.8
Other manufacturing industries	49	93.4	100.0	105.7	111.5

¹ Division, class or group.

Source Business Statistics Office

18.3

Producer price index numbers of commodities produced in the United Kingdom (home sales)
United Kingdom
Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Energy and water supply industries	1				
Coal mining	1113	96.7	100.0	101.3	100.7
Coke ovens					
Foundry coke		82.2	100.0	101.6	101.6
Mineral oil refining (including duty)	1401				
Petroleum products (including duty)		94.2	100.0	79.6	79.6
Motor spirit (including duty)		93.9	100.0	86.6	87.2
Kerosene (including duty)		95.1	100.0	80.5	79.6
Gas oil/derv (including duty)		93.0	100.0	75.0	72.0
Gas oil fuel (including duty)		95.1	100.0	64.0	60.3
Derv (including duty)		91.2	100.0	84.9	82.4
Fuel oil (including duty)		100.1	100.0	55.3	60.8
Light fuel oil (including duty) ²		102.3	100.0	71.4	80.8
Medium fuel oil (including duty) ²		95.4	100.0	70.3	78.0
Heavy fuel oil (including duty)		100.7	100.0	52.8	58.0
Petroleum bitumen ²		81.3	100.0	75.0	80.3
Other treatment of petroleum products (excluding petrochemical manufacture)	1402				
Lubricating oils and greases		90.6	100.0	95.4	95.2
Water supply industry	1700				
Water for industrial use ³		92.4	100.0	107.7	114.8
Metal manufacturing	22				
Iron and steel	2210				
Foundry pig iron		94.6	100.0	101.1	102.1
Ordinary steel		93.4	100.0	97.3	97.3
Finished rolled products		95.3	100.0	101.8	102.3
Rails and accessories		94.2	100.0	102.5	103.0
Sheet piling		95.1	100.0	103.8	108.2
Heavy sections		97.5	100.0	103.2	109.0
Hot rolled narrow strip (less than 600 mm)		94.5	100.0	103.2	103.7
Hot rolled coil plate and sheet		94.0	100.0	105.7	109.3
3 mm thick and over		93.8	100.0	102.8	105.1
Less than 3 mm thick		93.3	100.0	103.2	105.4
Cold rolled sheets		95.6	100.0	101.6	103.8
End products		93.5	100.0	102.3	103.5
Tinplate and other tinned sheet		97.6	100.0	99.8	100.8
Black plate		95.9	100.0	99.6	100.7
Zinc coated, lead coated and other coated sheet		95.8	100.0	102.4	104.7
Electrical sheet (including hot rolled electrical strip)		100.0	100.0	100.0	100.0
Grain non-orientated		97.5	100.0	100.0	106.6
Grain orientated		96.8	100.0	100.0	107.1
Special steels		98.8	100.0	100.0	105.5
Semis for direct use		91.0	100.0	97.9	101.2
Other alloy steel		89.6	100.0	100.6	103.5
Semis, for direct use		92.3	100.0	100.8	102.6
Finished flat Products		89.9	100.0	101.2	103.1
Plate 3 mm and over		95.3	100.0	102.2	102.7
Merchant bars, sections and other products		95.3	100.0	102.2	102.7
Stainless and heat-resisting steels		90.6	100.0	100.4	103.3
Semis for direct use		90.2	100.0	91.3	97.0
Finished flat products—Sheet and Strip		86.1	100.0	96.0	97.8
Steel for reinforcement, cut, bent and delivered		90.9	100.0	90.4	102.6
Light re-rolled bars and sections		92.7	100.0	98.3	93.5
Steel tubes	2220	93.2	100.0	99.8	94.2
Drawing and manufacture of steel wire and steel wire products	2234	93.0	100.0	103.6	105.5
Single drawn wire of iron and steel, whether covered or not (excluding insulated electric wire)		92.5	100.0	103.3	106.0
Single drawn wire of iron and steel, whether covered or not (excluding insulated electric wire) of high carbon steel		92.1	100.0	104.7	108.5
Woven wire cloth, gauze, fabric, etc. of iron and steel (excluding netting, fencing and similar iron and steel manufactures and fabric reinforcements of concrete) in squares or rectangular mesh		92.2	100.0	106.0	109.6
Stainless steel		90.9	100.0	105.2	109.9
Other than stainless steel		86.0	100.0	108.2	114.6
Fabric reinforcement manufacture to BS 4483 and rods and bars cut and/or bent, sold for use as concrete reinforcements to BS 4449 or BS 4461		93.4	100.0	103.6	107.6
		91.6	100.0	101.2	103.3

1 Division, class or activity heading.

2 This index is based on list prices rather than prices actually charged.

3 This index is based on volumetric charges and does not reflect fixed or standing charges.

18.3

(continued)

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Metal manufacturing (continued)					
Other drawing, cold rolling and cold forming of steel	2235	94.4	100.0	101.8	102.2
Other drawing, cold rolling and cold forming of non-alloy steel		93.9	100.0	102.5	102.7
Over 0.25% carbon		98.5	100.0	107.2	111.3
Other drawing, cold rolling and cold forming of other alloy steels		92.1	100.0	98.5	100.4
Bright bars		92.1	100.0	98.5	100.4
Aluminium and aluminium alloys	2245				
Plate, sheet, strip circles and blanks		99.5	100.0	94.5	97.8
Strip		100.6	100.0	95.4	101.2
Plate, sheet, blanks and circles		98.4	100.0	93.7	94.5
Extrusions and tubes (bars, rods, sections etc.)		99.1	100.0	99.3	100.1
Copper, brass and other copper alloys	2246				
Primary and secondary copper and copper based alloys unwrought		92.0	100.0	86.4	78.3
Brass and other copper alloys, unwrought (i.e. alloys in which copper is the largest constituent by weight, excl. cadmium copper)		92.0	100.0	86.4	78.3
Copper rods		92.9	100.0	86.8	97.2
Copper tubes		91.4	100.0	99.2	112.5
Wire and wire manufactures of copper, brass and other copper alloys (incl. nickel silver and cupro-nickel but excl. all other nickel alloys)		93.8	100.0	90.2	99.2
Single drawn wire, uninsulated of copper (including cadmium copper)		93.7	100.0	89.6	98.8
Copper, brass and other copper alloy scrap		94.9	100.0	82.3	89.0
Other non-ferrous metals and their alloys	2247				
Titanium		87.9	100.0	90.2	88.5
Extraction of minerals not elsewhere specified	23				
Extraction of stone, clay, sand and gravel unprocessed before sale	2310	94.1	100.0	106.2	110.5
Sand, gravel and pebbles (excluding sand for foundry purposes, glassmaking or other industrial uses)		95.0	100.0	105.4	110.2
Sand and gravel delivered		95.5	100.0	105.6	110.2
Salt extraction and refining	2330	95.6	100.0	106.3	108.2
Rock salt		96.5	100.0	108.1	111.8
White salt		95.2	100.0	105.6	106.6
Non-metallic mineral products	24				
Structural clay products	2410	92.4	100.0	105.4	115.6
Common, facing and engineering bricks		92.2	100.0	104.9	115.3
Common bricks		94.2	100.0	102.2	118.7
Fletton (delivered)		88.9	100.0	105.4	118.8
Facing bricks		91.3	100.0	105.8	114.2
Non-fletton (ex-works) facings		91.4	100.0	108.9	118.9
Fletton (delivered)		91.1	100.0	101.2	107.1
Clay roofing tiles (plain and single lap) excl. fittings		90.8	100.0	109.5	122.0
Ready-mixed concrete	2436	97.1	100.0	100.0	100.2
Other building products of concrete, cement or plaster	2437	94.2	100.0	104.0	108.7
Plaster products		94.8	100.0	100.1	104.6
Plasterboard		95.0	100.0	100.0	104.7
Gypsum plaster products incl. coving		93.2	100.0	101.3	104.5
Precast concrete goods		94.6	100.0	104.0	108.4
Concrete blocks, bricks, kerbs and edgings etc.		95.5	100.0	104.5	109.4
Concrete blocks (all types)		95.4	100.0	103.8	109.1
Flagstones and paving stones		95.5	100.0	106.1	110.4
Kerbs, edgings, channels, quadrants to BS 340		96.0	100.0	105.4	109.2
Concrete pipes to BS 5911		95.5	100.0	102.1	104.6
Asbestos goods	2440	95.4	100.0	104.6	108.5
Working of stone and other non-metallic minerals not elsewhere specified	2450	91.7	100.0	101.4	106.3
Ground and processed minerals		92.0	100.0	101.3	105.7
Limestone and dolomite		92.5	100.0	102.6	107.3
Processed dry limestone and dolomite, ground agriculture and industrial limestone		94.6	100.0	109.1	115.8
Limestone and dolomite coated macadam		89.8	100.0	94.0	96.0
Granite		91.1	100.0	101.9	107.9
Processed granite (classified in accordance with BS group classification as granite, basalt etc.)		97.4	100.0	103.8	107.4
Granite coated macadam		87.6	100.0	100.8	108.2
Building, ornamental and funerary stonework (excl. sculpture)		97.5	100.0	122.5	131.6
Clays, kaolin, marl		95.9	100.0	105.6	111.0
Processed ball and china clays (kaolin)		95.9	100.0	105.6	111.0
Abrasive products	2460	93.6	100.0	106.3	113.3
Diamond type abrasive wheels		92.3	100.0	104.5	107.4

1 Division, class or activity heading.

Source Business Statistics Office

18.3

(continued)

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Non-metallic mineral products (continued)					
Glass containers		95.9	100.0	99.3	99.6
Other glass products	2479	97.6	100.0	102.8	106.0
Domestic and ornamental glassware		95.2	100.0	106.8	110.9
Other table, toilet, ornamental and stationery glassware and kitchenware (excl. heat resisting glassware for cooking purposes)		91.0	100.0	107.0	114.0
Glass envelopes, tubes and illuminating glassware		96.3	100.0	106.4	106.8
Refractory goods	2481	94.6	100.0	107.1	113.1
Firebricks and blocks		94.1	100.0	104.4	109.6
Miscellaneous refractory goods nes		92.0	100.0	105.8	112.3
Ceramic goods	2489	95.3	100.0	105.7	109.9
Sanitary ware of vitreous china		99.9	100.0	103.8	105.3
Domestic china and other pottery		93.5	100.0	106.2	111.8
China or porcelain		93.3	100.0	105.9	111.8
Table and kitchenware		93.5	100.0	105.7	112.3
Electrical ware wholly or mainly of ceramic material (incl. insulators and insulator fittings)		93.4	100.0	106.8	109.5
Chemical industry	25				
Inorganic chemicals except industrial gases	2511	93.2	100.0	101.6	104.7
Chemical elements excluding elemental gases		88.6	100.0	95.1	102.0
Inorganic acids and oxygen compounds of non-metals		89.5	100.0	101.6	101.5
Sulphuric acid and oleum		80.0	100.0	96.7	90.4
Metallic salts and peroxy salts of inorganic acids		93.4	100.0	104.4	107.1
Soda ash		95.3	100.0	105.5	106.2
Metallic salts and peroxy salts of inorganic acids other than soda ash		92.6	100.0	103.9	107.5
Basic organic chemicals except specialised pharmaceutical chemicals	2512	95.6	100.0	93.8	99.5
Alcohols, phenols and phenol-alcohols not elsewhere specified		95.8	100.0	94.4	98.9
Carboxylic acids and specified derivatives		94.2	100.0	89.2	80.4
Fertilisers	2513	101.6	100.0	97.8	107.7
Synthetic resins and plastics materials	2514	103.4	100.0	94.4	105.8
Products of polymerisation and copolymerisation		89.2	100.0	107.4	117.1
Dyestuffs and pigments	2516				
Paints, varnishes and painters' fillings	2551	94.0	100.0	106.4	110.1
Non-aqueous building, structural, preservation and decorative products		93.3	100.0	103.4	105.0
Emulsion paints		93.5	100.0	107.7	108.9
Paint removers and strippers, and filling and sealing compounds of all types		102.3	100.0	71.6	69.4
Chemical treatment of oil and fats	2563	97.9	100.0	102.6	106.5
Formulated pesticides	2568	94.5	100.0	104.8	112.9
Herbicides		94.8	100.0	105.0	115.5
Herbicides containing phenoxy derivatives of acetic, propionic or butyric acids		93.5	100.0	104.5	104.6
Herbicides other than those containing phenoxy derivatives of acetic, propionic or butyric acids					
Adhesive film, cloth and foil adhesive film, tape etc. of plastics or cellulose, adhesive cloth and foil	2569	95.6	100.0	95.2	100.1
Pharmaceutical products	2570	94.3	100.0	106.3	110.4
Medical preparations as specified		97.0	100.0	101.7	104.8
Central nervous system		96.9	100.0	101.9	107.2
Analgesics—Antipyretics		98.3	100.0	103.2	108.5
Cardiovascular system		93.3	100.0	102.5	104.8
Plain hypotensives		95.6	100.0	100.0	100.4
Plain diuretics		94.8	100.0	100.0	100.8
Cough and cold preparations		87.5	100.0	108.4	118.3
Preparations for the alimentary tract and nutrition		97.3	100.0	102.4	104.8
Antacids and anti-ulcerants		99.6	100.0	100.8	101.6
Vitamins and mineral supplements		98.0	100.0	102.1	106.8
Muscular and skeletal systems (systemic)		96.0	100.0	100.4	101.4
Topical cortiso-steroids		95.0	100.0	101.4	101.4
Antibiotics		101.5	100.0	99.8	100.7
Preparations for genito-urinary system (incl. sex hormones)		97.0	100.0	104.3	119.2
Surgical bandages etc.		92.7	100.0	107.2	113.8
Adhesive plasters, bandages and self adhesive first-aid dressings		94.2	100.0	103.9	107.4
Soap and synthetic detergents	2581	93.5	100.0	103.5	107.9
Soap (excluding scouring preparations)		93.8	100.0	100.6	101.2
Toilet soap in tablet form		94.0	100.0	99.7	99.2
Liquid finished synthetic detergents		93.9	100.0	105.6	111.5
Perfumes, cosmetics and toilet preparations	2582				
Aftershave, cologne and pre-shave lotions		91.5	100.0	107.8	119.6
Perfumes, cosmetics and toilet preparations, other than specifically for men		97.6	100.0	104.4	107.5
Talc and dusting powders and bath preparations		94.2	100.0	105.5	111.3
Talc and dusting powders		92.3	100.0	105.9	110.0
Make-up preparations		95.7	100.0	105.8	110.0
Lipsticks and lipglosses, including lipsalve		96.2	100.0	103.4	107.0
Face powders		94.0	100.0	106.4	109.3
Liquid and cream make-up for the face		95.0	100.0	104.4	111.8
Deodorants, anti-perspirants and depilatories		98.8	100.0	102.7	106.5
Toothpaste and dental powders		97.4	100.0	103.4	108.0
Photographic materials and chemicals	2591	92.4	100.0	103.4	108.1

1 Division, class or activity heading.

Source Business Statistics Office

18.3

(continued)

Producer price index numbers of commodities produced in the United Kingdom (home sales)
United Kingdom
Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Man-made fibres	26				
Man-made fibres	2600	96.6	100.0	104.7	105.7
Manufacture of metal goods not elsewhere specified	31				
Ferrous foundry products	3111	92.2	100.0	104.3	106.4
Iron castings in the rough or machined		92.3	100.0	104.6	107.0
Engineers castings		92.9	100.0	106.0	109.0
Vehicle iron castings		92.4	100.0	107.0	110.4
Industrial and marine machinery and plant		93.4	100.0	105.0	107.7
Steel castings		90.5	100.0	101.4	100.4
Non-alloy steel castings		90.8	100.0	101.3	99.5
Stainless and heat resisting alloy steel castings		82.4	100.0	102.6	119.2
Other alloy steel castings		88.7	100.0	101.6	107.3
Forging, pressing and stampings	3120	95.0	100.0	106.2	111.2
Steel forgings		95.9	100.0	103.7	107.2
Bolts, nuts, washers, springs and non-precision chains	3137	96.5	100.0	103.5	107.2
Bolts, nuts, washers, rivets, etc. of iron or steel		96.6	100.0	103.7	106.0
All bolt products including machine screws, studs and socket screws		96.7	100.0	104.7	107.1
All bolt products of high tensile steel		96.4	100.0	101.9	104.2
All bolt products of mild steel		94.5	100.0	105.6	112.8
Metal doors, windows etc.	3142	94.5	100.0	105.6	112.8
Metal windows and doors (excl. strongroom doors and doors for motor vehicles) door frames, window frames, casements and curtain walling		94.5	100.0	105.6	112.8
Hand tools and implements	3161	95.3	100.0	105.2	109.7
Agricultural hand tools		98.6	100.0	105.1	109.9
Other hand tools		94.2	100.0	105.2	109.7
Hacksaw blades		95.1	100.0	104.4	107.4
Bolt cutters, pliers, pincers, nippers and snips		95.9	100.0	105.4	111.6
Spanners and wrenches		92.2	100.0	106.1	109.8
Hammers		95.0	100.0	101.7	106.7
Cutlery, spoons, forks and similar tableware: razors	3162	96.4	100.0	104.4	109.4
Scissors and tailors' shears including pinking shears		93.7	100.0	103.8	109.7
Metal storage vessels (mainly non-industrial)	3163	95.4	100.0	102.0	103.8
Packaging products of metal	3164	95.7	100.0	101.4	102.3
Cans and boxes, covers and components of steel (incl. tinplate and blackplate) and aluminium		93.8	100.0	107.5	112.1
New metal kegs, drums and barrels of wrought iron and steel with a capacity exceeding 20 litres or more		99.8	100.0	101.5	105.8
Reconditioned metal kegs, drums and barrels		94.4	100.0	105.5	109.2
Domestic heating and cooking appliances (non-electrical)	3165	94.3	100.0	106.3	110.7
Gas cookers		94.6	100.0	103.9	105.7
Gas fires and space heaters (excluding gas central heating equipment)		94.6	100.0	105.5	109.7
Metal furniture and safes	3166	94.1	100.0	104.3	107.4
Office furniture wholly or mainly of metal		95.6	100.0	104.6	108.7
Seating		95.2	100.0	104.4	108.6
Adjustable office seating		92.8	100.0	104.1	106.4
Filing cabinets and other filing containers		94.4	100.0	105.6	110.3
Shelving and racking including lateral and library shelving		93.5	100.0	105.1	110.6
Domestic and similar utensils of metal	3167	97.9	100.0	102.0	106.1
Kettles (non-electric) and teapots (excluding electro-plated and precious metal teapots)		96.5	100.0	103.2	104.6
Bakeware, including baking pans, sheets, tins etc.		94.8	100.0	104.7	110.1
Finished metal products nes	3169	92.8	100.0	105.6	111.4
Locks, padlocks, latches, keys and blanks including bicycle locks (excluding for motor vehicles and time locks)		94.7	100.0	106.5	111.9
Needles, pins and other metal smallwares		93.1	100.0	103.3	106.6
Builders and cabinet makers ironmongery and hardware		92.7	100.0	104.8	108.0
Base metal fittings and mountings for doors and door frames		93.6	100.0	101.8	106.7
Windows and shutters		96.9	100.0	104.5	110.3
Sanitary ware and plumbing fixtures and fittings for domestic and similar use		96.6	100.0	104.7	109.2
Domestic cocks and taps		89.7	100.0	111.1	123.0
Fire extinguishers (hand operated chemical type)					
Mechanical engineering	32				
Agricultural machinery	3211	94.0	100.0	107.0	115.0
Harvesting and threshing machinery		95.9	100.0	103.5	107.4
Grain and grass dryers		96.0	100.0	101.9	108.5
Agricultural elevators and conveyors (including grain augers)					
Wheeled tractors	3212	93.8	100.0	104.7	105.3
Wheeled tractors, complete (including KD tractors of a minimum value of 50 per cent of a corresponding complete tractor)		92.4	100.0	104.7	108.1
Metal working machine tools	3221	92.6	100.0	104.7	108.0
Metal cutting machine tools		96.8	100.0	103.3	106.9
Numerically controlled machine tools complete		97.2	100.0	101.2	108.1
Machining centres		92.5	100.0	106.5	109.8
Non numerically controlled metal cutting machine tools complete		89.3	100.0	105.7	110.2
Non numerically controlled grinding machines		92.9	100.0	106.3	112.4
Non numerically controlled turning machines					

¹ Division, class or activity heading.

18.3

(continued)

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Mechanical engineering (continued)					
Engineers' small tools	3222	93.6	100.0	106.5	112.2
Hard tipped and other metal cutting tools		93.8	100.0	104.7	110.0
Hard metal tipped tools		94.8	100.0	106.7	114.6
Hard metal tips and die pellets sold separately		95.6	100.0	103.3	106.8
Diamond tipped tools and dies		91.0	100.0	103.8	106.9
Threading dies and taps		93.4	100.0	107.0	111.5
Saws and saw blades		96.6	100.0	102.7	109.4
Bandsaws and blades for metal		94.2	100.0	102.4	106.2
Reamers, end mills and similar shank tools		89.6	100.0	104.0	107.0
Milling cutters		94.5	100.0	102.2	107.5
Lathe and planer tools		90.8	100.0	106.6	110.5
Food, drink and tobacco processing machinery; packaging and bottling machinery	3244	94.2	100.0	105.2	111.8
Food and drink processing machinery		95.4	100.0	104.1	108.9
Bakery and confectionery machinery (including parts)		98.0	100.0	101.4	102.1
Drink processing machinery including parts		93.3	100.0	103.7	108.6
Grain milling machinery and plant (including parts)		94.2	100.0	101.8	109.3
Other machinery and parts for the preparation, processing and sterilisation of food (incl. oil or fat machinery for food industry)		92.1	100.0	109.0	116.2
Machines for filling, closing, sealing, capsulating or labelling containers		96.2	100.0	105.3	112.0
Filling, closing, sealing, etc. machines for cans		97.0	100.0	109.4	118.4
Mining machinery	3251	94.4	100.0	103.1	105.0
Mineral transport machinery		92.7	100.0	101.1	102.4
Construction and earth moving equipment	3254				
Wheeled tractor shovels		94.0	100.0	103.6	107.5
Dumpers and dump trucks		92.4	100.0	103.7	105.9
Equipment for concrete, crushing and screening and road works		93.5	100.0	104.7	110.1
Concrete mixing and placing machinery and parts		98.9	100.0	106.4	107.9
Asphalt, bitumen, tar and tarmacadam plants and parts		93.1	100.0	102.5	105.2
Mechanical lifting and handling equipment	3255	97.0	100.0	103.2	106.2
Cranes and transporters		97.0	100.0	107.4	111.8
Lifting and winding devices		95.6	100.0	105.6	111.7
Lifting jacks, vehicle jacks and lifts		96.7	100.0	107.8	116.4
Capstans, winches, windlasses		94.0	100.0	103.1	107.1
Precision chains and other mechanical power transmission equipment	3261	92.9	100.0	106.1	112.6
Transmission chains		93.3	100.0	106.0	109.4
Bearings and bushes other than ball roller and needle roller bearings and parts and plain bearings		94.3	100.0	105.2	110.0
Helical, spur and bevel gears		93.0	100.0	106.5	111.7
Ball, needle and roller bearings	3262	96.2	100.0	104.9	105.2
Machinery for working wood, rubber, plastics, leather and making paper, glass, bricks and similar materials; laundry and dry cleaning machinery	3275				
Leather work and footwear making and repairing machinery		96.7	100.0	105.7	112.3
Boot and shoe-making and repairing machinery		96.7	100.0	105.7	112.3
Laundry and dry cleaning machinery		94.2	100.0	100.5	109.4
Internal combustion engines (except for road vehicles, wheeled agricultural tractors and aircraft) and other prime movers	3281				
Compression ignition IC engines		96.6	100.0	103.5	106.2
Compressors and fluid power equipment	3283	94.9	100.0	105.4	111.8
Compressors		95.9	100.0	106.4	112.6
Oil hydraulic pumps		93.8	100.0	104.7	110.6
Oil hydraulic control valves		94.3	100.0	106.6	114.8
Pneumatic control equipment		94.2	100.0	104.2	109.1
Directional control, flow control, check and non-return valves, and moving and non-moving fluidic devices		92.6	100.0	102.9	108.3
Other pneumatic control equipment (including pressure control valves)		95.1	100.0	105.0	109.5
Refrigerating machinery, space heating, ventilating and air conditioning equipment	3284				
Space heating equipment		95.8	100.0	104.0	108.1
Boilers for central heating		96.0	100.0	104.1	110.1
Other heat emitters		94.6	100.0	105.7	109.6
Ventilating equipment		94.0	100.0	103.8	108.9
Scales, weighing machinery and portable power tools	3285	97.5	100.0	101.7	105.7
Scales and weighing machinery complete and parts		97.5	100.0	99.5	98.9
Portable power tools		97.5	100.0	102.7	109.0
Pneumatic, petrol, hydraulic-and other tools for civil engineering, mining and quarrying		102.1	100.0	104.1	109.9
Portable power tools (electric)		96.9	100.0	101.4	107.1
Other industrial and commercial machinery	3286	94.8	100.0	104.6	108.6
Industrial and commercial machinery and service equipment		95.1	100.0	104.4	108.2
Lawn mowers powered, incl. electrically		93.4	100.0	104.6	109.6
Garage equipment and plant use		93.4	100.0	105.3	110.7

1 Division, class or activity heading.

Source Business Statistics Office

18.3

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

(continued)

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Mechanical engineering (continued)					
Pumps	3287	95.3	100.0	105.7	110.6
Centrifugal pumps		94.8	100.0	105.9	110.8
Centrifugal pumps with stuffing box or mechanical seal		94.9	100.0	105.7	110.7
Positive replacement pumps		95.7	100.0	105.0	111.4
Rotary pumps		93.2	100.0	105.5	111.8
Manufacture of office machinery and data processing equipment	33				
Office machinery	3301	94.0	100.0	103.7	104.5
Electrical and electronic engineering	34				
Insulated wires and cables	3410	95.7	100.0	100.1	101.8
Mains (power distribution) cables 600/1000 volts and over		94.8	100.0	96.4	96.2
General wiring cables (incl. building wires, ship wiring and trailing cables)		92.6	100.0	101.1	104.7
Winding wires and strips		94.7	100.0	92.1	89.1
Batteries and accumulators	3432	90.6	100.0	104.2	110.3
Electrical equipment for motor vehicles, cycles and aircraft	3434	97.3	100.0	107.4	124.0
Electrical instruments and control systems	3442	94.2	100.0	102.7	106.3
Electricity supply notes incl. prepaid.		98.3	100.0	102.9	105.8
Instruments and equipment for integrated process control schemes		94.8	100.0	102.7	104.0
Electrical measuring, testing and controlling instruments and apparatus		94.6	100.0	104.3	108.9
Ammeters, voltmeters, wattmeters		92.4	100.0	106.3	113.4
Signal and waveform generators		95.7	100.0	103.3	104.4
Other electrical measuring, testing and controlling instruments and appliances, including telemetering instruments, other than for motor vehicles or aircraft		93.8	100.0	104.9	110.5
Radio and electronic capital goods	3443	95.2	100.0	111.3	112.9
Electro medical apparatus		95.2	100.0	104.3	104.9
Domestic-type electric appliances	3460	95.5	100.0	104.0	107.7
Electric cooking apparatus		97.4	100.0	103.9	105.4
Electric kettles		97.1	100.0	103.4	105.8
Electric heating apparatus		96.4	100.0	105.1	108.6
Electric water heaters		95.0	100.0	104.4	108.0
Deep-freeze units		96.8	100.0	105.2	110.4
Electric lamps and other electric lighting equipment	3470	99.6	100.0	105.0	110.7
Electric lamp bulbs and tubes		94.1	100.0	105.4	110.2
Discharge lamps, complete		94.9	100.0	106.6	110.2
Electric lamp bulbs, filament type complete		95.5	100.0	105.4	108.1
Lamp and lighting fittings and parts thereof		93.2	100.0	106.8	111.8
For tubular fluorescent lamps					
Other fittings and parts					
Motor vehicles and parts thereof	35				
Motor vehicles and their engines	3510	93.2	100.0	106.8	114.7
Passenger cars		92.7	100.0	106.9	116.1
Goods vehicles not exceeding 3.5 tons gvw		93.3	100.0	106.7	114.4
Goods vehicles exceeding 16 tons gvw		94.8	100.0	107.5	115.1
Passenger cars (inclusive of VAT and car tax)		92.7	100.0	106.9	116.1
Trailers and semi-trailers (incl. freight containers)	3522	93.2	100.0	104.7	111.3
Trailers and semi-trailers					
Motor vehicle parts	3530	95.6	100.0	103.7	108.8
Fuel pumps (not electric)					
Instrument engineering	37				
Measuring, checking and precision instruments and apparatus	3710	95.5	100.0	105.4	109.7
Process measuring and control instruments and equipment		94.8	100.0	106.4	111.6
Level indicating recording or controlling instruments		93.2	100.0	106.0	114.3
Temperature measuring and control instruments		94.6	100.0	107.2	112.9
Thermostats and temperature indicators and controllers		94.3	100.0	108.6	115.1
Pressure measuring and control instruments		94.4	100.0	108.4	113.6
Pressure gauges and switches		94.9	100.0	105.4	111.8
Other pressure measuring and control instruments		93.4	100.0	114.9	117.2
Analytical instruments		95.2	100.0	104.6	107.6
Ultrasonic instruments and equipment		95.0	100.0	111.2	118.2
Counting and velocity measuring instruments		101.6	100.0	104.7	108.0
Engineers gauges and measuring instruments		94.0	100.0	107.8	114.2
Static gauges		92.8	100.0	108.8	122.3
Mechanical measuring instruments		92.0	100.0	107.2	111.6
Medical and surgical equipment and orthopaedic appliances	3720	96.2	100.0	105.2	111.1
Medical, surgical, veterinary and dissecting instruments		96.6	100.0	105.2	112.6
Other medical surgical veterinary and dissecting instruments		98.6	100.0	102.6	106.7
Aseptic hospital furniture		96.7	100.0	104.3	107.7
Orthopaedic appliances and artificial limbs etc.		94.7	100.0	105.9	109.3
Photographic and cinematographic equipment	3733	96.5	100.0	104.1	109.7
Clocks, watches and other wiring devices	3740				
Time switches etc		96.2	100.0	104.0	107.9

1 Division, class or activity heading.

18.3

(continued)

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Food, drink and tobacco manufacturing industries	41/42				
Margarine and compound cooking fats	4115	93.8	100.0	90.7	87.6
Processing organic oils and fats (other than crude animal fat production)	4116	120.8	100.0	60.6	57.8
Slaughterhouses	4121	103.4	100.0	101.0	101.7
Bacon curing and meat processing	4122	97.3	100.0	101.1	101.2
Poultry slaughter and processing	4123	98.7	100.0	101.6	102.4
Animal by-product processing	4126	107.2	100.0	84.7	95.8
Preparation of milk and milk products	4130	95.3	100.0	101.6	105.3
Processing of fruit and vegetables	4147	100.6	100.0	104.8	111.0
Fish processing	4150	93.6	100.0	105.5	109.6
Grain milling	4160	98.9	100.0	109.3	109.8
Starch	4180	99.6	100.0	101.1	100.0
Bread and flour confectionery	4196	94.9	100.0	106.8	111.3
Biscuits and crispbread	4197	95.0	100.0	103.6	106.7
Sugar and sugar by-products	4200	99.3	100.0	100.9	106.2
Ice cream	4213	95.6	100.0	104.3	111.8
Cocoa, chocolate and sugar confectionery	4214	94.9	100.0	103.8	106.3
Compound animal feeds	4221	105.8	100.0	100.3	100.3
Pet foods and non-compound animal feeds	4222	99.0	100.0	101.5	101.9
Miscellaneous foods	4239	94.0	100.0	103.7	106.0
Wines, cider and perry	4261	93.5	100.0	105.6	110.0
Brewing and malting	4270				
Beer		92.3	100.0	105.0	108.6
Soft drinks	4283	93.0	100.0	105.3	109.4
Tobacco industries	4290	92.4	100.0	110.4	113.8
Cigarettes		92.3	100.0	110.7	114.0
Standard cigarettes—sold duty paid		92.3	100.0	110.3	113.8
Tipped cigarettes—sold duty paid		92.3	100.0	110.7	114.0
Manufactured tobacco not elsewhere specified—sold duty paid		94.0	100.0	108.2	111.2
Textile industry	43				
Woollen and worsted industry	4310	94.2	100.0	101.1	107.3
Yarns of all wool spun on the woollen system		92.3	100.0	100.6	107.1
Worsted yarns, wholly or predominantly of wool, spun on the worsted and semi-worsted systems		96.1	100.0	101.1	109.3
All wool		95.1	100.0	100.4	109.9
Worsted yarns of man-made fibres, spun on the worsted and semi-worsted systems		94.4	100.0	104.8	108.5
Wholly of man-made fibres		94.0	100.0	104.4	107.2
Weaving		90.3	100.0	104.4	109.1
Woven woollen fabrics (excl. blankets)		90.1	100.0	105.0	108.7
Apparel cloths containing 50 per cent or more by weight of wool or fine animal hair		89.4	100.0	104.5	108.4
Woven worsted fabrics containing 50% or more by weights of wool or fine animal hair		90.8	100.0	103.9	109.8
Spinning and doubling on the cotton system	4321	99.6	100.0	98.2	107.8
Spinning		101.8	100.0	97.9	110.8
Single yarns of mm staple fibres		95.7	100.0	102.2	106.5
Finished thread for sewing, embroidery, etc., doubling and winding		93.8	100.0	106.9	112.2
For industrial uses, of man-made fibre		94.9	100.0	105.1	110.6
Man-made continuous filament yarns, textured, bulked or crimped of synthetic fibres	4336	94.6	100.0	106.1	108.1
Jute and polypropylene yarns and fabrics	4350	89.9	100.0	94.1	94.7
Woven cloth of polypropylene		90.6	100.0	98.3	97.8
Hosiery and other weft knitted goods and fabrics	4363				
Hosiery including tights and panty-hose		93.7	100.0	107.5	112.8
Tights and panty-hose		93.5	100.0	107.7	113.6
Underwear, nightwear and swimwear		93.1	100.0	105.6	108.2
Men's knitted underwear		92.4	100.0	107.8	109.9
Women's knitted underwear of cotton		90.6	100.0	102.1	104.2
Men's fully fashioned outerwear of wool		88.7	100.0	109.6	113.1
Pile carpets, carpeting and rugs	4384	94.9	100.0	105.5	112.2
Woven carpets, carpeting and carpet type rugs		93.7	100.0	106.0	112.6
Containing 50 per cent or more of wool yarn		94.2	100.0	106.1	112.5
Figured and plain Brussels and Wilton		93.2	100.0	106.7	113.0
Spool and gripper Axminster		94.6	100.0	105.8	112.2
Tufted carpets, carpeting and carpet type rugs containing 50 per cent or more by weight of acrylic and polyamide fibres		95.9	100.0	105.5	113.5
Containing more than 50% by weight of wool		95.9	100.0	105.5	110.4
Rope, twine and net	4396	93.4	100.0	103.6	106.8
Twines, cords, ropes, cables and lines of textile materials other than agricultural twine		90.8	100.0	104.1	109.7

¹ Division, class or activity heading.

Source Business Statistics Office

18.3

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

(continued)

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Textile industry (continued)					
Narrow fabrics	4398				
Non-elastic and non-elastomeric goods not exceeding 30 cms in width – Petersham, galloons and ribbons		94.7	100.0	104.5	108.8
Miscellaneous textiles nes	4399	94.3	100.0	102.8	108.3
Felt (and bonded fibre fabrics)		94.3	100.0	102.8	108.3
Leather and leather goods	44				
Leather (tanning and dressing) and fellmongery	4410				
Fellmongery		106.8	100.0	89.0	114.9
Footwear and clothing industries	45				
Footwear	4510				
Outdoor footwear		93.7	100.0	106.5	110.4
With uppers wholly or mainly of leather		93.6	100.0	106.0	110.2
Men's		91.9	100.0	105.6	110.3
Women's		94.3	100.0	106.4	109.9
With uppers wholly or mainly of plastics including poromeric – other than sandals or sandalised shoes women's		97.5	100.0	104.6	109.1
Weatherproof outerwear	4531				
Raincoats (excluding infants)		93.9	100.0	108.8	119.2
Raincoats other than of plastic materials		93.9	100.0	108.8	119.2
Men's and boy's tailored outerwear	4532				
Men's trousers (sold separately)		94.8	100.0	104.2	106.4
Work clothing and men's and boys' jeans	4534				
Cotton boilersuits, men's and boys'		89.4	100.0	99.5	102.1
Men's and boys' shirts, underwear and nightwear	4535				
Shirts (other than industrial shirts)		92.4	100.0	104.2	108.6
Woven		92.4	100.0	104.2	108.6
Gloves	4538				
Fabric gloves, mittens and mitts (fabric content exceeding 50 per cent value)		90.4	100.0	107.4	112.3
Dresswear—other than children's		96.6	100.0	106.4	113.4
		94.3	100.0	108.9	112.9
Household textiles	4557				
Sheets		93.2	100.0	102.8	103.5
Bedspreads other than tufted		94.6	100.0	102.3	108.8
Tea towels, cleaning and polishing cloths, etc.		95.0	100.0	107.9	109.8
Tea towels		92.5	100.0	102.7	104.7
Hand and bath towels of terry cotton		94.1	100.0	103.7	106.9
		93.6	100.0	99.8	101.8
Timber and wooden furniture industries	46				
Sawmilling, planing, etc. of wood	4610				
Sawnwood planed wood—homegrown oak		91.3	100.0	105.6	111.8
Builders' carpentry and joinery	4630				
Builders' woodwork and prefabricated building structures		94.3	100.0	103.6	109.8
Doorsets, leaves and frames and window frames		94.2	100.0	103.6	109.7
Doorsets, leaves and frames		94.3	100.0	103.7	109.7
Door leaves flush		96.4	100.0	103.4	110.0
Window frames		96.9	100.0	103.1	110.9
		91.8	100.0	104.0	109.3
Other wooden articles (except furniture)	4650				
Domestic woodware		92.8	100.0	107.4	100.1
Wooden and upholstered furniture	4671				
Upholstered furniture		97.1	100.0	106.0	111.4
Lounge suites and settees, fireside, easy and reclining chairs		97.7	100.0	105.9	111.1
With frames of wood		97.7	100.0	105.9	111.1
Desks and desking		93.6	100.0	104.3	110.0
Fully finished interior spring mattresses—120 cm in width or over		95.2	100.0	104.3	109.2
Paper and paper products: printing and publishing	47				
Pulp, paper and board	4710				
Writing and printing papers other than newsprint		91.4	100.0	100.8	106.5
Wrapping and packaging papers		92.9	100.0	101.0	109.9
Flutings and liners for corrugated board		92.8	100.0	100.2	101.1
Industrial and special purpose papers		93.4	100.0	100.3	99.4
		92.1	100.0	100.2	106.9

1 Division, class or activity heading.

Source Business Statistics Office

18.3

Producer price index numbers of commodities produced in the United Kingdom (home sales)

United Kingdom

(continued)

Annual averages

1985 = 100

	1980 SIC ¹	1984	1985	1986	1987
Household and personal hygiene products of paper	4722	88.3	100.0	104.2	113.0
Toilet paper		86.1	100.0	103.8	113.8
Sanitary towels and tampons		92.5	100.0	106.6	112.7
Stationery	4723	89.3	100.0	103.6	110.5
Commercial envelopes		87.3	100.0	107.4	114.2
Stationery and scholastic books and ruled paper		89.4	100.0	108.4	120.1
Loose-leaf supplies		91.3	100.0	104.6	107.9
Filing supplies		89.7	100.0	107.7	113.4
Packaging products of paper and pulp	4724	93.2	100.0	98.2	104.7
Paper sacks		92.1	100.0	103.1	107.3
Packaging products of board	4725	90.8	100.0	103.2	107.0
Fibre-board packing cases					
Printing and publishing of newspapers	4751	90.1	100.0	102.5	107.8
Sales of newspapers by Printer/Publisher		91.0	100.0	101.3	107.3
National morning		89.6	100.0	103.3	108.1
National Sunday		91.5	100.0	103.7	108.3
Regional morning, evening and Sunday					
Printing and publishing other than of newspapers, periodicals and books	4754	94.4	100.0	108.0	120.5
Atlases, maps, charts and globes					
Processing of rubber and plastics	48				
Rubber tyres and inner tubes	4811		100.0		
New tyre covers		96.1	100.0	104.6	107.4
Commercial vehicles		91.9	100.0	106.0	108.6
Other rubber products	4812	93.6	100.0	106.8	111.8
Rubber and plastic hose and tubing		92.8	100.0	105.1	107.9
Rubber or plastics belting		91.3	100.0	106.0	108.1
Rubber products nes including reclaimed rubber		90.5	100.0	107.4	108.2
Moulded, bonded, extruded, handbuilt, dipped and cast products nes		96.8	100.0	104.0	108.7
Footwear components		93.4	100.0	106.2	112.7
Rubber linings and rubber flooring		93.4	100.0	106.2	112.7
Rubber floorings		94.2	100.0	105.0	111.7
Plastics - semi manufactures	4832	93.7	100.0	104.0	107.6
Plastics floorcoverings	4833				
Linoleum or plastic (excluding plastic floor covering on a textile base) but including printed felt base		93.7	100.0	104.0	107.6
Plastics building products	4834	98.2	100.0	103.8	110.3
Pipes and fittings		102.9	100.0	104.9	112.9
Soil waste pipes and fittings		108.5	100.0	105.7	116.9
Rainwater pipes and fittings		120.0	100.0	102.7	111.0
Sanitary ware		95.0	100.0	104.6	112.6
Plastics packaging products	4835				
Pots and jars		93.1	100.0	101.8	103.0
Plastics products nes	4836	97.8	100.0	102.6	107.5
Haberdashery (including slide and zip fasteners)					
Other manufacturing industries	49				
Photographic and cinematographic processing laboratories	4930	90.6	100.0	107.6	116.8
Development and printing of cinematographic film		92.0	100.0	106.9	116.2
Colour 16 mm		93.7	100.0	105.2	111.2
Toys and games	4941	91.7	100.0	104.1	110.6
Toys, wholly or mainly of metal, excluding wheeled toys and construction models		94.4	100.0	107.4	114.3
Other plastic toys		92.5	100.0	101.8	106.5
Sports goods		96.9	100.0	105.8	113.8
Miscellaneous stationers' goods	4954	99.6	100.0	106.6	113.0
Pens and Pencils		99.0	100.0	108.1	113.5
Fountain pens, stylographic pens and markers and refills		88.1	100.0	108.2	110.2
Pencils including coloured pencils					

¹ Division, class or activity heading.

Source Business Statistics Office

18.4

Producer price index numbers of commodities wholly or mainly imported into the United Kingdom
United Kingdom
Annual averages

1985 = 100

	1984	1985	1986	1987
Hides, skins and fur skins, raw				
Hides ¹				
Wet ¹	111.7	100.0	93.9	103.0
Dry ¹	111.7	100.0	94.7	104.0
Calf skins ¹	112.1	100.0	82.5	88.5
	71.3	100.0	79.2	71.6
Oilseeds and oleaginous fruit				
Soya beans, US, cif UK ¹	118.8	100.0	65.8	49.6
Copra, Philippine/Indonesian cif N. Europe ¹	172.5	100.0	43.0	58.9
Palm nuts and palm kernels, West African, cif Europe ¹	167.7	100.0	41.4	47.2
Linseed, Canadian No. 1, cif. Rotterdam ¹	104.1	100.0	64.4	48.1
Crude rubber				
Natural rubber (other than latex) ¹	146.4	100.0	93.2	102.3
Wood and Cork				
Wood sawn lengthwise	94.9	100.0	97.1	105.0
Softwood (delivered to consumers)	94.7	100.0	96.7	105.4
Hardwood (ex yard or wharf)	95.3	100.0	98.6	103.6
Mahogany	104.1	100.0	101.8	114.8
Meranti	92.4	100.0	92.8	100.7
Lauan	94.4	100.0	102.8	100.8
Oak	92.0	100.0	94.2	96.6
Beech	94.5	100.0	104.0	107.9
Pulp and waste paper				
Woodpulp	110.7	100.0	95.8	113.8
Soda or Sulphate chemical wood pulp	115.2	100.0	96.9	120.2
Textile fibres and their wastes				
Raw cotton ¹	97.1	100.0	91.6	97.8
Raw jute ¹	128.2	100.0	69.5	96.6
Vegetable textile fibres	88.9	100.0	45.3	49.9
Wool and other animal hair	118.9	100.0	82.8	84.9
	90.4	100.0	97.4	105.2
Crude fertilisers and crude minerals				
Clay ¹	86.6	100.0	94.7	89.7
Asbestos, Canadian, fob. Quebec ¹	92.5	100.0	99.2	95.0
Quartz, mica, felspar, etc ¹	100.2	100.0	86.0	80.8
Mineral substances not elsewhere specified ¹	100.0	100.0	100.0	100.0
	96.4	100.0	106.5	107.6
Metalliferous ores				
Aluminium ores and concentrates (including alumina)	97.9	100.0	104.0	104.5
Manganese ore, 48–50% Mn grade max. 0.1% P, cif. Europe ¹	95.4	100.0	87.1	73.0
Ores and concentrates of other non-ferrous base metals	100.5	100.0	105.9	113.8
Chromium ores and concentrates ¹	104.3	100.0	73.8	66.2
Tungsten ore, min. 65%, cif. Europe ¹	115.0	100.0	61.0	56.2
Titanium ore ¹	99.7	100.0	110.2	119.9
Crude animal and vegetable materials not elsewhere specified				
Gum arabic ¹	61.9	100.0	104.1	98.6
Petroleum, petroleum products and related materials				
Crude oil ²	103.3	100.0	48.0	52.0
Naphtha	99.0	100.0	46.7	52.3
Fixed vegetable oils and fats				
Fixed vegetable oils 'soft' crude, refined or purified	136.0	100.0	49.3	50.0
Soyabean oil, Dutch, ex-mill, fob ¹	120.8	100.0	52.1	44.7
Groundnut oil, any origin $\frac{3}{4}$ % ffa, cif Rotterdam ¹	121.3	100.0	51.0	44.4
Sunflower seed oil, any origin ex-tk Rotterdam ¹	112.5	100.0	58.7	45.3
Other fixed vegetable oils fluid or solid, crude, refined or purified ¹	122.5	100.0	52.6	45.2
Palm oil, crude, cif Liverpool ¹	151.7	100.0	46.5	55.6
Coconut oil, Philippine, cif. Europe ¹	138.9	100.0	45.9	54.8
Palm kernel oil, Malaysian, cif. Rotterdam ¹	183.0	100.0	41.4	54.4
	177.0	100.0	43.8	57.6
Organic chemicals				
Carboxylic acids and their halogenated, sulphonated, nitrated or nitrosated derivatives	94.6	100.0	95.1	100.9
Monocarboxylic acids and derivatives	91.6	100.0	96.5	95.8
Amine-function compounds	92.2	100.0	93.7	86.3
Heterocyclic compounds and nucleic acids	99.9	100.0	106.1	102.8
	98.1	100.0	99.3	104.1

1 Source of information: trade publications.

2 Includes imported oil and North Sea oil; the imported oil component is based on unit value of imports at their time of entry.

18.4

(continued)

Producer price index numbers of commodities wholly or mainly imported into the United Kingdom

 United Kingdom
 Annual averages

1985 = 100

	1984	1985	1986	1987
Inorganic chemicals				
Mercury, min. 99.99%, cif Europe ¹	102.1	100.0	58.5	67.5
Other inorganic bases and metallic ores, hydroxides and peroxides	105.1	100.0	99.6	99.6
Metallic salts and peroxysalts of inorganic acids	91.1	100.0	100.6	103.7
Inorganic chemical products not elsewhere specified	97.4	100.0	106.4	101.0
Dyeing, tanning and colouring materials	91.1	100.0	111.6	131.3
Essential oils and perfume materials; toilet, polishing and cleansing preparations				
Essential oils, terpenic by-products ¹	118.2	100.0	78.8	91.1
Mint oil ¹	217.6	100.0	51.6	48.6
Other essential oils ¹	96.9	100.0	84.3	101.0
Artificial resins and plastic materials, and cellulose esters and ethers				
Polymerisation and copolymerisation products	99.2	100.0	96.3	106.7
Polyethylene in primary forms	104.9	100.0	84.8	95.6
Polypropylene in primary forms	101.9	100.0	91.6	106.0
Polystyrene and its copolymers in primary forms	94.3	100.0	98.3	109.9
Polyvinyl chloride	96.2	100.0	107.9	120.1
Chemical materials and products, not elsewhere specified				
Chemical products and preparations not elsewhere specified	93.6	100.0	113.5	126.7
Cork and wood manufactures (excluding furniture)				
Plywood and blockboard (delivered to consumers)	95.4	100.0	97.6	103.1
Paper, paperboard, and articles of paper pulp, of paper or of paperboard				
Paper and paperboard	92.1	100.0	103.6	112.4
Newsprint	92.0	100.0	102.6	113.0
Uncoated printing or writing paper, in rolls or sheets	90.0	100.0	101.8	111.9
Textile yarns, fabrics, make-up articles, not elsewhere specified and related products				
Woven cotton fabrics, unbleached not mercerised	109.5	100.0	87.1	93.2
Non-ferrous metals				
Silver, gold and platinum and other metals of the platinum group ¹	118.7	100.0	91.1	100.4
Silver, refined and partly refined ¹	127.4	100.0	78.1	89.6
Platinum and platinum alloys (unwrought) ¹	118.1	100.0	140.1	150.4
Other metals of platinum group and alloys thereof (unwrought) ¹	105.2	100.0	95.2	89.6
Gold, refined and partly refined ¹	109.4	100.0	101.6	110.4
Copper, LME settlement price ¹	93.5	100.0	84.8	97.4
Unwrought nickel, free market price ¹	93.0	100.0	69.8	76.2
Lead, LME settlement price ¹	109.4	100.0	91.1	119.5
Zinc, producers' price ¹	112.7	100.0	81.5	76.6
Zinc, LME settlement price ¹	111.4	100.0	85.7	81.3
Tin, free market price ¹	98.6	100.0	59.8	58.6
Magnesium ¹	89.6	100.0	100.6	100.6

1 Source of information: trade publications.

Source Business Statistics Office

18.5

Internal purchasing power of the pound¹ (based on RPI)

pence

	Year in which purchasing power was 100p																	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1970	100	109	117	128	148	184	215	249	270	306	361	404	438	458	481	511	530	547
1971	91	100	107	117	136	168	196	228	246	279	330	369	400	419	440	466	482	500
1972	85	93	100	109	127	157	183	212	230	261	308	344	374	391	411	435	450	467
1973	78	86	92	100	116	144	168	195	211	239	282	316	343	358	376	399	413	428
1974	67	74	79	86	100	124	145	168	182	206	243	272	295	309	324	344	356	369
1975	54	59	64	69	80	100	117	135	146	166	196	219	238	249	261	277	286	297
1976	47	51	55	60	69	86	100	116	125	142	168	188	204	213	224	238	246	255
1977	40	44	47	51	60	74	86	100	108	123	145	162	176	184	193	205	212	220
1978	37	41	43	47	55	68	80	92	100	113	134	150	163	170	178	189	196	203
1979	33	36	38	42	49	60	70	81	88	100	118	132	143	150	157	167	173	179
1980	28	30	32	35	41	51	60	69	75	85	100	112	122	127	133	142	146	152
1981	25	27	29	32	37	46	53	62	67	76	89	100	109	114	119	127	131	136
1982	23	25	27	29	34	42	49	57	62	70	82	92	100	105	110	116	120	125
1983	22	24	26	28	32	40	47	54	59	67	79	88	96	100	105	111	115	119
1984	21	23	24	27	31	38	45	52	56	64	75	84	91	95	100	106	110	114
1985	20	21	23	25	29	36	42	49	53	60	71	79	86	90	94	100	103	107
1986	19	21	22	24	28	35	41	47	51	58	68	76	83	87	91	97	100	104
1987	18	20	21	23	27	34	39	45	49	56	66	74	80	84	88	93	96	100

Note To find the purchasing power of the pound in 1980, given that it was 100 pence in 1970, select the column headed 1970 and look at the 1980 row. The result is 28 pence.

1 These figures are calculated by taking the inverse ratio of the respective annual averages of the General Index of Retail Prices. See table 18.6.

Source Central Statistical Office

18.6

Index of retail prices
Indices for main groups¹

	All items	Food	Alcoholic drink	Tobacco	Housing	Fuel and light	Durable household goods	Clothing and footwear	Transport and vehicles	Miscellaneous goods	Services	Meals bought and consumed outside the home
15 January 1974 = 100												
Weights	1 000	253	70	43	124	52	64	91	135	63	54	51
1974	1 000	232	82	46	108	53	70	89	149	71	52	48
1975	1 000	228	81	46	112	56	75	84	140	74	57	47
1976	1 000	247	83	46	112	58	63	82	139	71	54	45
1977	1 000	233	85	48	113	60	64	80	140	70	56	51
1978	1 000	232	77	44	120	59	64	82	143	69	59	51
1979	1 000	214	82	40	124	59	69	84	151	74	62	41
1980	1 000	207	79	36	135	62	65	81	152	75	66	42
1981	1 000	206	77	41	144	62	64	77	154	72	65	38
1982	1 000	203	78	39	137	69	64	74	159	75	63	39
1983	1 000	201	75	36	149	65	69	70	158	76	65	36
1984	1 000	190	75	37	153	65	65	75	156	77	62	45
1985	1 000	185	82	40	153	62	63	75	157	81	58	44
1986												
Annual averages												
1974	108.5	106.1	109.7	115.9	105.8	110.7	107.9	109.4	111.0	111.2	106.8	108.2
1975	134.8	133.3	135.2	147.7	125.5	147.4	131.2	125.7	143.9	138.6	135.5	132.4
1976	157.1	159.9	159.3	171.3	143.2	182.4	144.2	139.4	166.0	161.3	159.5	157.3
1977	182.0	190.3	183.4	209.7	161.8	211.3	166.8	157.4	190.3	188.3	173.3	185.7
1978	197.1	203.8	196.0	226.2	173.4	227.5	182.1	171.0	207.2	206.7	192.0	207.8
1979	223.5	228.3	217.1	247.6	208.9	250.5	201.9	187.2	243.1	236.4	213.9	239.9
1980	263.7	255.9	261.8	290.1	269.5	313.2	226.3	205.4	288.7	276.9	262.7	290.0
1981	295.0	277.5	306.1	358.2	318.2	380.0	237.2	208.3	322.6	300.7	300.8	318.0
1982	320.4	299.3	341.4	413.3	358.3	433.3	243.8	210.5	343.5	325.8	331.6	341.7
1983	335.1	308.8	366.5	440.9	367.1	465.4	250.4	214.8	366.3	345.6	342.9	364.0
1984	351.8	326.1	387.7	489.0	400.7	478.8	256.7	214.6	374.7	364.7	357.3	390.8
1985	373.2	336.3	412.1	532.5	452.3	499.3	263.9	222.9	392.5	392.2	381.3	413.3
1986	385.9	347.3	430.6	584.9	478.1	506.0	266.7	229.2	390.1	409.2	400.5	439.5
1987 Jan 13	394.5	354.0	440.7	602.9	502.4	506.1	265.6	230.8	399.7	413.0	408.8	454.8

13 January 1987 = 100

	All items	Food	Catering	Alcoholic drink	Tobacco	Housing	Fuel and light	Household goods*	Household services*	Clothing and footwear	Personal services*	Motor-ing expenditure	Fares and other travel*	Leisure goods*	Leisure services*
Weights	1 000	167	46	76	38	157	61	73	44	74	38	127	22	47	30
1987															
Annual Averages															
1987	101.9	101.1	102.8	101.7	100.1	103.3	99.1	102.1	101.9	101.1	101.9	103.4	101.5	101.6	101.6
1987 March 10	100.6	100.7	100.8	100.6	99.9	100.7	99.8	101.0	100.3	100.8	100.7	101.3	99.9	100.3	100.1
June 9	101.9	101.6	102.3	101.4	99.8	103.4	99.4	101.9	101.6	100.8	101.9	103.2	101.5	102.0	101.3
September 8	102.4	100.4	104.3	102.8	99.7	104.4	98.5	102.7	102.9	101.8	101.9	105.1	102.3	101.9	101.9
December 8	103.3	102.4	105.8	103.1	101.2	103.9	98.2	104.3	104.0	103.4	104.1	105.0	103.2	103.2	103.6

See note on page 302.

¹ Following the recommendations of the Retail Price Index Advisory Committee the Index has been re-referenced to Jan 13 1987 = 100. The published groups (marked *) were restructured and these have no direct counterparts in the series.

Source Department of Employment

18.7 Tax and price index

January 1978 = 100														January 1987 = 100	
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	
January	80.4	95.3	100.0	106.1	123.2	140.4	162.3	170.7	177.9	184.7	192.9	198.0	100.0	101.4	
February	81.6	96.4	100.7	107.2	125.3	141.9	162.4	171.6	178.8	186.4	193.7	..	100.5	101.8	
March	82.2	97.5	101.5	108.2	127.2	144.3	164.0	171.9	179.4	188.4	194.0	..	100.7	102.3	
April	82.9	96.4	98.4	110.5	130.8	151.3	166.0	171.8	178.8	190.2	192.5	..	99.7	101.4	
May	84.0	97.3	99.1	111.6	132.2	152.4	167.4	172.6	179.6	191.2	192.9	..	99.8	101.9	
June	84.5	98.5	100.0	113.8	133.6	153.5	168.0	173.1	180.1	191.7	192.8	..	99.8	102.3	
July	84.7	98.6	100.5	113.8	134.9	154.2	169.0	174.2	179.9	191.3	192.1	..	99.7	102.4	
August	86.1	99.2	101.3	114.9	135.3	155.5	169.0	175.1	181.8	191.8	192.9	..	100.0	103.7	
September	87.5	99.9	101.8	116.2	136.3	156.6	168.9	176.0	182.2	191.7	194.0	..	100.4	104.3	
October	89.4	100.4	102.4	117.6	137.3	158.2	169.9	176.7	183.5	191.4	194.3	..	100.9	105.4	
November	90.9	98.7	103.2	118.8	138.5	160.1	170.9	177.5	184.1	192.1	196.3	..	101.5	..	
December	92.4	99.3	104.3	119.8	139.4	161.2	170.5	178.0	183.9	192.4	197.1	..	101.4	..	
Percentage changes on one year earlier															
Tax and price index															
January	+27.6	+18.5	+4.9	+6.1	+16.1	+14.0	+15.6	+5.2	+4.2	+3.8	+4.4	+2.6	..	+1.4	
February	+26.9	+18.1	+4.5	+6.5	+16.9	+13.2	+14.4	+5.7	+4.2	+4.3	+3.9	..	+2.7	+1.3	
March	+24.9	+18.6	+4.1	+6.6	+17.6	+13.4	+13.7	+4.8	+4.4	+5.0	+3.0	..	+2.8	+1.6	
April	+21.0	+16.3	+2.1	+12.3 ¹	+18.4 ¹	+15.7	+9.7	+3.5	+4.1	+6.4	+1.2	..	+2.5	+1.7	
May	+16.8	+15.8	+1.8	+12.6 ¹	+18.5 ¹	+15.3	+9.8	+3.1	+4.1	+6.5	+0.9	..	+2.4	+2.1	
June	+15.0	+16.6	+1.5	+13.8 ¹	+17.4 ¹	+14.9	+9.4	+3.0	+4.0	+6.4	+0.6	..	+2.5	+2.5	
July	+13.8	+16.4	+1.9	+13.2	+18.5	+14.3	+9.6	+3.1	+3.3	+6.3	+0.4	..	+2.8	+2.7	
August	+15.0	+15.2	+2.1	+13.4	+17.8	+14.9	+8.7	+3.6	+3.8	+5.5	+0.6	..	+2.6	+3.7	
September	+15.6	+14.2	+1.9	+14.1	+17.3	+14.9	+7.9	+4.2	+3.5	+5.2	+1.2	..	+2.4	+3.9	
October	+16.1	+12.3	+2.0	+14.8	+16.8	+15.2	+7.4	+4.0	+3.8	+4.3	+1.5	..	+2.9	+4.5	
November	+16.5	+8.6	+4.6	+15.1	+16.6	+15.6	+6.7	+3.9	+3.7	+4.3	+2.2	..	+2.4	..	
December	+16.7	+7.5	+5.0	+14.9	+16.4	+15.6	+5.8	+4.4	+3.3	+4.6	+2.4	..	+1.9	..	
Retail prices index															
January	+23.4	+16.6	+9.9	+9.3	+18.4	+13.0	+12.0	+4.9	+5.1	+5.0	+5.5	+3.9	..	+3.3	
February	+22.9	+16.2	+9.5	+9.6	+19.1	+12.5	+11.0	+5.3	+5.1	+5.4	+5.1	..	+3.9	+3.3	
March	+21.2	+16.7	+9.1	+9.8	+19.8	+12.6	+10.4	+4.6	+5.2	+6.1	+4.2	..	+4.0	+3.5	
April	+18.9	+17.5	+7.9	+10.1	+21.8	+12.0	+9.4	+4.0	+5.2	+6.9	+3.0	..	+4.2	+3.9	
May	+15.4	+17.1	+7.7	+10.3	+21.9	+11.7	+9.5	+3.7	+5.1	+7.0	+2.8	..	+4.1	+4.2	
June	+13.8	+17.7	+7.4	+11.4	+21.0	+11.3	+9.2	+3.7	+5.1	+7.0	+2.5	..	+4.2	+4.6	
July	+12.9	+17.6	+7.8	+15.6	+16.9	+10.9	+8.7	+4.2	+4.5	+6.9	+2.4	..	+4.4	+4.8	
August	+13.8	+16.5	+8.0	+15.8	+16.3	+11.5	+8.0	+4.6	+5.0	+6.2	+2.4	..	+4.4	+5.7	
September	+14.3	+15.6	+7.8	+16.5	+15.9	+11.4	+7.3	+5.1	+4.7	+5.9	+3.0	..	+4.2	+5.9	
October	+14.7	+14.1	+7.8	+17.2	+15.4	+11.7	+6.8	+5.0	+5.0	+5.4	+3.0	..	+4.5	+6.4	
November	+15.0	+13.0	+8.1	+17.4	+15.3	+12.0	+6.3	+4.8	+4.9	+5.5	+3.5	..	+4.1	..	
December	+15.1	+12.1	+8.4	+17.2	+15.1	+12.0	+5.4	+5.3	+4.6	+5.7	+3.7	..	+3.7	..	

1 These figures are affected by the late timing of the 1979 Budget; the changes introduced by that Budget are included in the Tax and price index from July 1979.

Source Central Statistical Office

18.8

Index of purchase prices of the means of agricultural production

United Kingdom
Annual averages

1980 = 100

	Weights	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Goods and services currently consumed	100.0	80.1	89.3	100.0	110.0	117.8	126.0	130.8	132.5	131.2	132.9
Seeds	4.5	89.4	96.1	100.0	101.0	108.6	116.5	122.1	99.9	106.4	113.0
Animals for rearing and production	1.1	100.8	113.1	100.0	130.9	145.5	170.7	187.9	185.4	180.7	188.0
Energy, lubricants	8.5	64.3	76.5	100.0	120.7	137.5	151.2	155.0	169.3	140.8	142.2
Fuels for heating	0.8	62.4	75.5	100.0	121.8	140.6	160.2	171.1	185.5	131.8	143.8
Motor fuel	5.1	60.7	75.1	100.0	121.6	141.6	158.8	163.5	184.2	144.1	145.7
Electricity	2.3	73.6	80.4	100.0	119.9	130.1	135.1	133.6	133.2	136.7	134.4
Lubricants	0.3	61.6	74.6	100.0	111.1	117.4	123.3	131.9	146.3	139.7	139.0
Fertilisers and soil improvers	13.6	79.2	85.5	100.0	110.2	115.4	116.8	120.1	127.7	115.1	105.6
Straight fertilisers	4.7	81.2	88.1	100.0	110.8	122.2	126.5	129.7	136.4	117.2	105.5
Compound fertilisers	8.0	78.5	83.7	100.0	110.3	112.0	111.1	114.9	123.5	113.0	102.1
Lime	0.9	75.2	87.2	100.0	106.2	111.0	116.2	116.4	119.8	122.7	136.5
Plant protection products	3.7	82.2	86.4	100.0	107.4	111.5	112.3	115.7	120.8	124.4	129.1
Animal feedingstuffs	45.5	83.5	93.7	100.0	108.0	113.9	123.7	127.0	122.6	123.7	124.0
Straight feedingstuffs	11.8	85.3	94.8	100.0	108.3	113.0	122.8	124.4	123.0	129.2	131.7
Whole wheat	3.4	84.7	95.2	100.0	109.6	114.0	125.0	124.2	122.5	128.2	136.5
Barley meal	2.2	82.2	97.4	100.0	106.3	114.4	123.5	126.3	125.5	131.1	131.1
Maize meal	1.5	79.5	89.4	100.0	106.6	115.2	120.0	122.1	122.7	128.0	136.2
Wheat offals	0.4	73.6	93.7	100.0	110.0	117.7	127.3	127.0	126.1	141.6	160.9
Oilcake	2.5	95.1	98.1	100.0	111.3	112.5	123.2	128.0	125.0	132.4	129.8
White fish meal	0.7	103.2	92.5	100.0	109.5	107.5	121.4	125.9	121.1	128.0	125.0
Meat and bone meal	0.1	106.5	103.6	100.0	120.2	129.9	129.7	131.3	127.2	130.3	139.2
Other	1.0	70.5	89.4	100.0	101.2	105.8	115.3	113.6	113.9	117.6	106.8
Compound feedingstuffs	33.7	82.8	93.3	100.0	107.9	114.2	124.0	127.9	122.5	121.8	121.3
for calves	1.5	81.0	92.0	100.0	105.6	115.0	122.6	122.8	117.8	116.6	118.5
cattle	13.0	80.8	92.5	100.0	105.6	111.8	121.6	124.3	117.0	115.5	114.2
pigs	7.1	81.5	91.6	100.0	109.8	115.6	124.7	129.8	125.6	125.1	125.6
poultry	11.1	86.4	95.6	100.0	109.9	116.6	127.1	132.0	128.5	128.7	127.6
others	1.0	82.0	92.6	100.0	103.8	108.9	116.8	122.1	111.9	110.7	116.5
Material and small tools	3.5	76.4	85.8	100.0	106.8	113.0	118.1	125.1	133.3	138.0	143.0
Maintenance and repair of plant	6.4	77.2	86.2	100.0	108.7	118.5	128.3	139.0	151.8	160.5	169.2
Maintenance and repair of buildings	3.7	73.9	84.4	100.0	109.6	119.2	127.5	135.6	144.9	151.7	160.9
Veterinary services	1.8	76.1	84.9	100.0	116.1	125.2	131.4	137.8	144.5	157.3	159.8
General expenses	7.7	77.4	85.9	100.0	115.2	126.9	134.1	142.1	150.9	161.1	174.0
Goods and services contributing to investment in agriculture	100.0	75.8	85.6	100.0	108.1	116.7	123.5	131.4	138.9	148.2	154.5
Machinery and other equipment	63.8	77.7	87.1	100.0	107.7	115.9	121.7	129.4	137.1	144.5	148.7
Machinery and plant for cultivation	6.5	76.6	85.5	100.0	104.6	108.0	110.8	114.7	122.4	131.9	135.1
Machinery and plant for harvesting	12.4	73.9	81.7	100.0	108.8	119.1	129.8	137.4	141.7	150.3	155.8
Farm machinery and installations	18.7	76.7	88.0	100.0	108.3	119.0	118.7	123.6	130.8	137.5	143.5
Tractors	22.7	80.8	89.4	100.0	107.3	113.8	123.0	134.1	143.8	150.2	151.2
Other vehicles	3.5	79.2	89.1	100.0	108.9	115.6	120.7	128.5	138.0	147.6	159.1
Buildings	36.2	72.3	83.1	100.0	108.8	118.3	126.7	135.1	142.1	154.6	164.8
Farm buildings	21.7	73.9	84.4	100.0	109.6	119.1	127.5	135.6	144.9	151.7	161.3
Engineering and soil improvement operations	14.5	69.9	81.0	100.0	107.5	117.0	125.6	134.2	137.8	159.0	170.1

Source Ministry of Agriculture, Fisheries and Food

18.9

Index of producer prices of agricultural products

United Kingdom
Annual averages

1980 = 100

	Weights	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
All products	100.0	86.1	94.9	100.0	110.9	119.6	125.8	126.0	124.0	125.6	127.8
All crop products	33.9	86.8	100.3	100.0	112.4	121.1	137.1	132.0	121.3	127.1	131.1
Cereals	16.1	88.2	97.9	100.0	110.3	118.7	131.6	121.6	115.8	116.7	117.1
Wheat— for milling	3.5	89.8	97.2	100.0	109.9	115.1	127.8	117.0	116.8	113.9	115.3
for feeding	5.2	86.9	97.3	100.0	110.1	115.7	128.4	116.6	111.7	111.9	110.5
Barley— for feeding	3.1	83.9	98.0	100.0	107.8	116.5	127.8	121.7	115.7	116.0	110.4
for malting	4.0	92.7	99.4	100.0	113.3	128.5	142.8	131.5	121.1	126.6	132.1
Oats— for milling	0.2	78.6	93.7	100.0	101.1	104.8	118.1	125.9	102.0	108.2	118.8
for feeding	0.1	72.8	91.1	100.0	100.2	104.2	117.3	129.3	103.8	105.1	118.1
Root crops	5.4	81.6	114.2	100.0	122.9	139.9	170.6	166.2	105.8	148.8	154.5
Potatoes—early	0.3	85.5	134.6	100.0	180.7	139.4	166.0	236.3	108.8	183.7	181.4
main crop	2.9	77.1	123.5	100.0	130.7	158.8	213.6	196.8	100.0	173.2	182.2
Sugar beet	2.2	86.8	99.5	100.0	104.9	115.9	116.4	117.3	112.8	112.9	115.3
Fresh vegetables	5.6	80.2	101.9	100.0	110.2	113.4	132.6	130.6	141.0	130.4	146.5
Cauliflowers	0.7	58.5	96.3	100.0	118.4	116.4	130.2	123.9	150.7	123.6	148.1
Lettuce	0.6	101.1	119.5	100.0	113.1	109.9	144.8	132.9	144.1	145.8	178.2
Tomatoes	0.7	91.1	77.9	100.0	91.1	83.7	103.8	106.4	97.1	115.4	127.3
Carrots	0.4	61.4	91.6	100.0	134.7	117.4	143.3	139.9	160.3	133.7	166.3
Other fresh vegetables	3.2	86.0	101.8	100.0	111.3	113.0	128.4	128.0	141.8	123.6	133.4
Fresh fruit	1.8	109.8	97.5	100.0	126.0	133.1	142.3	143.9	152.4	152.0	148.0
Dessert apples	0.5	98.2	77.2	100.0	135.9	138.2	142.0	149.7	156.3	155.0	138.7
Dessert pears	0.1	123.5	99.5	100.0	119.1	143.1	141.6	138.8	143.0	147.0	134.3
Cherries	0.1	115.5	91.6	100.0	121.2	105.7	129.7	98.3	96.2	124.4	107.1
Plums	0.1	92.5	90.3	100.0	166.6	110.2	129.8	135.8	171.8	142.8	131.4
Strawberries	0.4	124.9	116.0	100.0	112.9	140.1	159.3	148.4	156.6	173.9	176.6
Other fresh fruit	0.6	107.9	103.0	100.0	122.2	127.7	134.4	143.1	150.7	139.8	146.6
Seeds	1.2	87.8	94.6	100.0	101.0	109.1	109.3	124.8	92.2	99.6	112.7
Flowers and plants	1.9	95.5	95.0	100.0	103.7	111.2	118.7	122.7	143.2	140.1	155.0
Other crop products	1.9	78.3	89.1	100.0	110.1	117.6	133.6	131.4	120.5	123.8	108.6
Pulses	0.5	80.0	99.3	100.0	100.5	108.0	130.6	131.8	125.0	135.4	135.6
Hops	0.4	65.4	72.4	100.0	120.9	125.6	144.0	151.5	105.3	100.4	100.4
Oilseed rape	1.0	81.9	90.1	100.0	110.8	119.2	131.5	124.6	123.6	126.3	99.0
Animals and animal products	66.1	85.7	92.1	100.0	110.1	118.9	120.1	122.9	125.3	124.9	126.1
Animals for slaughter	37.6	88.5	94.8	100.0	110.8	119.9	121.9	125.7	125.4	123.4	124.0
Large animals	31.6	87.6	94.2	100.0	112.3	121.4	123.0	127.2	126.4	124.5	126.2
Cattle (clean)	13.3	84.9	95.0	100.0	110.7	122.2	129.5	129.5	128.3	128.6	131.5
Cows	4.3	85.8	92.5	100.0	117.1	127.4	121.1	115.0	121.9	113.2	116.7
Pigs (excluding sows)	8.9	91.8	93.6	100.0	108.0	111.5	106.2	124.0	118.2	113.3	112.0
Sows	0.3	89.7	86.3	100.0	110.7	126.5	105.3	127.1	124.0	119.3	106.4
Sheep over 1 year old	0.1	83.7	90.5	100.0	120.3	135.1	144.4	135.5	143.4	141.8	137.5
Lambs	3.4	87.7	91.9	100.0	117.9	128.9	136.7	131.1	132.0	136.8	140.7
Sheep under 1 year old	1.0	86.4	104.0	100.0	124.2	135.4	147.2	157.2	160.7	162.7	168.1
Ewes	0.3	111.5	108.0	100.0	138.8	153.1	140.9	147.8	171.8	167.3	165.0
Poultry	6.0	93.2	97.9	100.0	102.6	112.1	115.7	118.0	119.8	117.5	112.1
Chickens	4.5	88.2	95.8	100.0	103.1	111.1	114.6	118.6	116.0	115.6	114.8
Turkeys	1.5	108.1	104.3	100.0	101.2	115.3	119.1	116.1	131.1	123.2	104.0
Milk	22.5	82.5	88.3	100.0	110.2	120.3	123.4	121.6	130.8	135.7	137.2
Eggs	5.6	78.6	88.1	100.0	106.3	107.8	96.3	111.1	104.3	92.9	97.0
Other animals products:											
Wool	0.4	103.9	108.2	100.0	99.1	98.8	99.7	104.2	112.4	109.3	109.1

Source Ministry of Agriculture, Fisheries and Food

18.10

Commodity price trends¹
United Kingdom
Calendar years

		1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Wheat	Average ex-farm price ²	72.24	83.34	85.69	95.92	99.30	108.92	113.74	124.69	114.59	112.25	111.18	112.35
£ per tonne													
Barley	Average ex-farm price ²	72.45	77.95	78.35	89.60	92.84	100.45	108.65	119.29	112.36	106.05	105.89	106.18
£ per tonne													
Oats	Average ex-farm price ²	67.68	74.84	73.92	88.90	97.52	97.42	101.22	113.20	123.01	99.19	100.87	114.16
£ per tonne													
Rye	Average ex-farm price ²	75.0	70.4	76.2	89.0	101.78	100.97	108.43	120.65	117.15	110.53	106.78	115.10
£ per tonne													
Hops	Average farm-gate price ³	1 360	1 390	1 431	1 578	2 184	2 636	2 740	3 140	3 306	2 297	2 270	2 269
£ per tonne													
Potatoes	Average farm-gate price ⁴	143.4	69.9	40.0	58.9	51.2	63.0	78.1	81.9	102.1	48.1	76.7	82.3
£ per tonne													
Sugar beet	Producer price ⁵	16.42	21.93	23.72	28.28	27.93	27.74	27.15	31.06	30.71	32.81	29.66	30.31
£ per tonne													
Oilseed rape	Average market price ⁶	136	162	182	215	230	255	270	310	275	274	284	220
Apples	Average market price ⁷												
£ per tonne													
	Dessert	189	304	224	193	259	335	301	363	369	369	391	368
	Culinary	176	242	195	171	207	270	279	280	318	299	327	316
Pears	Average market price ⁷	188	275	260	200	232	281	331	315	314	325	352	326
£ per tonne													
Tomatoes	Average market price ⁷	346	411	440	389	504	475	466	632	560	502	601	684
£ per tonne													
Cauliflowers	Average market price ⁷	119	143	133	163	186	207	214	243	217	268	203	275
£ per tonne													
Cattle (store)	1st quality Hereford/ Friesian bull calves ⁸	56	65	88	103	100	108	125	124	124	130	133	136
£ per head													
	1st quality yearling steers beef/dairy cross ⁸	157	174	213	236	243	275	313	326	330	343	347	358
Cattle (fat)	Clean cattle ⁹	52.43	56.94	66.26	75.21	76.65	88.72	98.30	95.88	95.87	94.72	94.64	96.16
p per kg liveweight													
Sheep (store)	1st quality lambs, hoggets and tegs ⁸	19.0	24.0	25.9	26.0	25.9	30.2	33.0	33.4	35.3	36.4	36.7	37.5
£ per head													
Sheep (fat) ¹⁰		103.9	124.5	137.4	139.2	125.7	153.3	152.7 ¹³	146.5	166.5	167.1	175.3	186.1
p per kg estimated dressed carcase weight								173.0 ¹⁴	180.5	179.3	177.5	200.1	214.6
Pigs	Average market price clean pigs	67.32	72.64	80.08	81.35	86.64	93.70	97.09	92.31	108.43	103.89	98.75	97.59
£ per kg deadweight													
Broilers	Average wholesale price	63.6	76.0	81.1	82.1	91.1	91.6	92.8	99.5	104.2	98.9	99.7	98.1 ¹⁵
p per kg													
Milk	Average net return to producers ¹¹	9.36	10.18	10.61	11.55	12.77	13.79	14.81	15.02	14.99	15.56	16.05	16.36 ¹⁵
p per litre													
Eggs	Average producer price ¹²	27.8	31.2	27.0	32.8	37.4	40.7	38.8	35.5	44.7	40.0	32.6	38.0
p per dozen													
Wool	Average producer price for clip paid to pro- ducers by the British Wool Marketing Board	69.5	93.2	93.8	97.7	91.3	89.5	89.2	90.0	94.03	100.04	98.69	98.34
p per kg													

1 This table gives indications of the movement in commodity prices at the first point of sale. The series do not always show total receipts by farmers; for some commodities additional premiums or deficiency payments are made to achieve support price levels.

2 Weighted average ex-farm prices of United Kingdom cereals.

3 Average farm-gate prices paid by English Hops Ltd to growers in England. Hops are not grown elsewhere in the United Kingdom.

4 Weighted average price paid to growers by registered merchants for early and main crop potatoes in the United Kingdom. The 1986 figure is provisional.

5 Average price paid to growers in the United Kingdom by British Sugar plc for sugar beet of average sugar content. The 1986 figure is provisional.

6 Typical contract price adjusted to delivered basis and 42 per cent oil content.

7 Weighted average wholesale prices for England and Wales. From 1982, for England only.

8 Average prices at representative markets in England and Wales.

9 Based on Meat and Livestock Commission all clean cattle prices.

10 UK weighted average market price for animals certified under the Fat Sheep Guarantee Scheme/Sheep Variable Premium Scheme.

11 Derived by dividing total value of output by the total quantity of output available for human consumption.

12 Average price of all Class A eggs weighted according to quantity in each grade.

13 Great Britain weighted average market price for animals certified under the Sheep Variable Premium Scheme from 1982.

14 Northern Ireland unweighted average market price for clean sheep from 1982.

15 Figures forecasted.

Source Ministry of Agriculture, Fisheries and Food

Index of sources

This index of sources gives the titles of official publications or other sources containing statistics allied to those in the tables of this *Annual Abstract*. These publications provide more detailed analyses than are shown in the *Abstract*. This index includes

publications to which reference should be made for short-term (monthly or quarterly) series. No entry is made in this index for items where the data have been obtained from departmental records.

Subject	Table number in <i>Abstract</i>	Government department or other organisation	Official publication or other source
1. Area and climate			
Area	1.1	Ordnance Survey	Central Statistical Office: Regional Trends
Climate	1.2–1.4	Meteorological Office	Monthly Weather Report Central Statistical Office: Monthly Digest of Statistics
2. Population and vital statistics			
Population census	2.1–2.3, 2.5, 2.8	Office of Population Censuses and Surveys	<i>England and Wales:</i> Census reports, 1911, 1921, 1931, 1951, 1961, 1971 and 1981 Sample census 1966; Registrar General's statistical review of England and Wales, Part II, Tables Census 1971, Great Britain, Summary tables Census 1981, National Report, Great Britain Part 1 Census 1981, Key statistics for urban areas: Great Britain Welsh Office: Digest of Welsh Statistics (annual)
		General Register Office for Scotland	<i>Scotland:</i> Census reports 1951, 1961, 1971 and 1981 Sample census 1966 Census 1971 Census 1981 Key statistics for urban areas: Scotland
		General Register Office (Northern Ireland)	<i>Northern Ireland:</i> Census of population 1951, 1961, 1966 and 1971 The Northern Ireland Census 1981. Summary Report
Mid-year estimates	2.1, 2.4, 2.6, 2.9	Office of Population Censuses and Surveys	<i>England and Wales:</i> Series FM (Family statistics), DH (Deaths), MB (Morbidity), PP (Population estimates and projections), MN (Migration) and VS (Local authority vital statistics) Population Trends (quarterly) Series PP1, Population estimates: The Registrar General's estimates of the population of regions and local government areas of England and Wales
		General Register Office for Scotland	<i>Scotland:</i> Registrar General Scotland Annual Report Quarterly return of births, deaths and marriages Annual estimate of the population of Scotland
		General Register Office (Northern Ireland)	<i>Northern Ireland:</i> Annual report of the Registrar General Quarterly return of births, deaths and marriages
Projections	2.7	Government Actuary's Department	Series PP2, Population projections—national figures
Migration	2.10, 2.11	Office of Population Censuses and Surveys	Series MN (Migration) Population Trends (quarterly)
	2.12	Home Office	Control of immigration statistics United Kingdom (annual)
Vital statistics	2.13, 2.14, 2.16–2.22	Office of Population Censuses and Surveys	<i>England and Wales:</i> Series FM (Family statistics), DH (Deaths), MB (Morbidity), PP (Population estimates and projections), MN (Migration) and VS (Local authority vital statistics) Population Trends (quarterly)
		General Register Office for Scotland	<i>Scotland:</i> Registrar General Scotland, Annual Report Quarterly return of births, deaths and marriages
		General Register Office (Northern Ireland)	<i>Northern Ireland:</i> Annual report of the Registrar General Quarterly return of births, deaths and marriages
	2.15	Lord Chancellor's Department	Judicial statistics, England and Wales (annual)
		Scottish Courts Administration	Judicial statistics, Scotland; Civil judicial statistics (annual)
	2.23	Office of Population Censuses and Surveys; General Register Office for Scotland; General Register Office (Northern Ireland) and Government Actuary's Department	<i>England and Wales:</i> Registrar General's Decennial Supplement, England and Wales, 1981–83, Interim Life Table <i>Scotland:</i> Life Table: 1982–84, Registrar General Scotland, Annual Report, Supplement <i>Northern Ireland:</i> Interim Life Table 1981–83

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3. Social conditions			
Social services	3.1—3.6	Central Statistical Office	Civil Appropriation Accounts (annual) Northern Ireland Annual Abstract of Statistics
	3.7, 3.8, 3.9	Department of the Environment	Housing and Construction Statistics (quarterly) Housing return for Scotland (quarterly)
	3.10	Department of the Environment	Housing and Construction Statistics (quarterly) Welsh Office: Welsh housing statistics (annual)
		Scottish Development Department	Housing return for Scotland (quarterly)
		Department of the Environment for Northern Ireland	Digest of Housing Statistics for Northern Ireland (annual)
Social security pensions, benefits and allowances	3.11, 3.12, 3.15	Department of Health and Social Security	National Insurance Fund Account (annual)
		Department of Health and Social Services, Northern Ireland	Northern Ireland National Insurance Fund Account (annual)
	3.13 3.15—3.27	Department of Health and Social Security Department of Health and Social Security Northern Ireland	Social Security Statistics (annual) Health and Personal Social Services Statistics for England (annual) Welsh Office: Health and Personal Social Services Statistics for Wales (annual)
National health service	3.28	Department of Health and Social Security; Welsh Office	Civil Appropriation Accounts (annual) Health and Personal Social Services Statistics for England (annual) Health and Personal Social Services Statistics for Wales (annual)
	3.29	Scottish Health Service, Common Services Agency	
	3.30	Department of Health and Social Services, Northern Ireland	Parliament of Northern Ireland Estimates (annual) Summary of Health and Personal Social Services Accounts (annual)
	3.31—3.32	Department of Health and Social Security	Health and Personal Social Services Statistics for England (annual)
	3.33	Office of Population Censuses and Surveys	Communicable Disease Statistics Series MB2 (annual) Population Trends (quarterly)
Public health		Scottish Health Service, Common Services Agency	Scottish Health Statistics (annual)
		General Register Office (Northern Ireland)	Annual report of the Registrar General Quarterly return of births, deaths and marriages
	3.34, 3.36	Health and Safety Executive	Health and Safety statistics Manufacturing and service industries (annual) Agriculture Mines (annual) Quarries (annual) Department of Energy: Digest of United Kingdom Energy Statistics (annual)
		Department of Trade and Industry	Casualties to vessels and accidents to men. Vessels registered in the United Kingdom (annual)
		Department of Transport	Railway accidents (annual)
		Civil Aviation Authority	Accidents to aircraft on the British Register
	3.37	Office of Population Censuses and Surveys; General Register Office for Scotland	Census 1981 National Report Great Britain Part II
	3.38	Home Office; Scottish Home and Health Department	Office of Population Censuses and Surveys Electoral statistics (series EL) Return of election expenses Vachars Parliamentary Companion
	3.39	Home Office	Central Statistical Office: Social Trends
4. Law enforcement			
	4.2	Home Departments	<i>England and Wales:</i> Report of Her Majesty's Chief Inspector of Constabulary (annual) <i>Scotland:</i> Report of Her Majesty's Chief Inspector of Constabulary for Scotland (annual)
		Northern Ireland Office	<i>Northern Ireland:</i> Chief Constable's Report (Royal Ulster Constabulary)

Subject	Table number in Abstract	Government department or other organisation	Official publication or other source
Law enforcement (<i>contd</i>)	4.1, 4.3—4.11	Home Office	Central Statistical Office: Monthly Digest of Statistics Criminal statistics, England and Wales (annual) Prison statistics, England and Wales (annual) Prison Department Financial Report (annual) Welsh Office: Digest of Welsh Statistics (annual) Offences relating to motor vehicles, England and Wales (annual bulletin)
	4.12—4.16	Scottish Home and Health Department	Criminal statistics, Scotland (annual)
	4.17, 4.18	Scottish Home and Health Department	Prisons in Scotland (annual)
	4.19—4.22	Northern Ireland Office	Chief Constable's Report (Royal Ulster Constabulary)
5. Education	5.1—5.12	Education Departments	Scottish Educational Statistics (annual) Education in Northern Ireland (half-yearly) Education Statistics for the United Kingdom (annual) Northern Ireland Annual Abstract of Statistics Welsh Office: Statistics of Education in Wales (annual)
	5.18	Engineering & Research Council British Library Department of Education and Science	
	5.13—5.19	University Grants Committee	University statistics (volumes 1 and 3) (annual) Open University Digest of Statistics, Vol. 1, Students and courses (annual)
6. Employment	6.1, 6.2, 6.4, 6.6, 6.8, 6.10, 6.11, 6.14, 6.17	Department of Employment Department of Economic Development (Northern Ireland)	Employment Gazette (monthly) Central Statistical Office: Monthly Digest of Statistics Welsh Office: Digest of Welsh Statistics (annual)
	6.3	Engineering Industries Training Board	Employment Gazette (monthly) Annual Report of the Engineering Industries Training Board
	6.9	Department of Manpower Services (Northern Ireland)	Northern Ireland Annual Abstract of Statistics
	6.5	Ministry of Agriculture, Fisheries and Food	Agricultural Statistics, United Kingdom (annual)
	6.7	HM Treasury	Civil Service Statistics (annual) Central Statistical Office: Monthly Digest of Statistics
	6.12	Office of Population Censuses and Surveys	Census 1981, Definitions Great Britain
	6.13	Business Statistics Office	Analyses of United Kingdom manufacturing (local) units by employment size (Business Monitor PA 1003)
	6.15—6.19	Department of Employment	Employment Gazette (monthly) New Earnings Survey (annual) Central Statistical Office: Monthly Digest of Statistics
	6.18	Department of Manpower Services (Northern Ireland)	New Earnings Survey Northern Ireland (annual)
	6.20	Department of Employment	Employment Gazette (monthly)
7. Defence	7.1—7.14	Ministry of Defence	Volume II (Defence Statistics) of the Statement on the Defence Estimates (annual)
8. Production			
Census of production	8.1	Business Statistics Office	Report on the Census of Production (Business Monitor PA 1002.1) (annual)
Fuel and power	8.2—8.13	Department of Energy	Digest of United Kingdom Energy Statistics (annual) Energy Trends (monthly)

Subject	Table number in Abstract	Government department or other organisation	Official publication or other source
Iron and steel	8.14—8.16	Department of Trade and Industry; Iron and Steel Statistics Bureau	Iron and steel industry: Annual Statistics published by the British Steel Corporation on behalf of the Iron and Steel Statistics Bureau Regional Trends (annual)
Industrial materials	8.17	World Bureau of Metal Statistics Department of Trade and Industry	World Metal Statistics (monthly)
Industrial materials (contd)	8.18—8.27	Department of Trade and Industry	British Business (weekly) Business Monitor (monthly and quarterly) Central Statistical Office: Monthly Digest of Statistics
	8.28	Business Statistics Office	Minerals (Business Monitor PA 1007) Natural Environment Research Council: United Kingdom Mineral Statistics (annual)
		Department of Economic Development (Northern Ireland)	Northern Ireland Annual Abstract of Statistics
Building and construction	8.29	Department of Trade and Industry; Department of the Environment; World Bureau of Metal Statistics	Business Monitor (quarterly) Housing and Construction Statistics (quarterly) Central Statistical Office: Monthly Digest of Statistics
	8.30, 8.31	Department of the Environment	Housing and Construction Statistics (quarterly)
Manufactured goods	8.32—8.35	Department of Trade and Industry	Business Monitor (monthly and quarterly) British Business (weekly) Central Statistical Office: Monthly Digest of Statistics
	8.36, 8.37	HM Customs and Excise	Annual report of the Commissioners of HM Customs and Excise
9. Agriculture, Fisheries and Food			
	9.1, 9.2	Agricultural Departments	Agricultural Statistics: England and Wales (annual) Output and utilization of farm produce in the United Kingdom (annual) Scotland: Agricultural Statistics (annual)
	9.3—9.5	Agricultural Departments	Agricultural Statistics, United Kingdom (annual) Scottish Agricultural Economics (annual) Welsh Office: Welsh Agricultural Statistics (annual)
Forestry	9.6	Forestry Commission	<i>Great Britain</i> : Annual report and Accounts of the Forestry Commission
		Department of Agriculture for Northern Ireland	Northern Ireland Annual Abstract of Statistics
Agriculture	9.7	Agricultural Departments	Employment Gazette (monthly)
Food	9.9—9.12	Ministry of Agriculture, Fisheries and Food	Central Statistical Office: Monthly Digest of Statistics
Fisheries	9.13—9.15	Ministry of Agriculture, Fisheries and Food; Department of Agriculture and Fisheries for Scotland	<i>England and Wales</i> : Sea fisheries statistical tables (annual) <i>Scotland</i> : Fisheries of Scotland report (annual) Scottish sea fisheries statistical tables (annual)
Food supplies		Ministry of Agriculture, Fisheries and Food	MAFF Food Facts British Business (weekly)
	9.17	Ministry of Agriculture, Fisheries and Food	MAFF Food Facts
	9.18—9.19	National Food Survey Committee	Annual Report of the National Food Survey Committee: Household Food Consumption and Expenditure
10. Transport and communications			
Road transport	10.1—10.7, 10.11	Department of Transport	Transport Statistics Great Britain (annual) Central Statistical Office: Monthly Digest of Statistics
	10.12—10.14	Department of Transport	Road accidents in Great Britain Business Monitor (monthly) Central Statistical Office: Monthly Digest of Statistics Welsh Office: Road accidents Wales (annual)
	10.8, 10.9	Department of the Environment for Northern Ireland	Northern Ireland Annual Abstract of Statistics
Rail transport	10.15—10.18	Department of Transport	Transport Statistics Great Britain (annual)

Subject	Table number in Abstract	Government department or other organisation	Official publication or other source
	10.19 10.20, 10.21	Department of Transport Department of the Environment for Northern Ireland	Health and Safety Executive: Industry and Services (annual) Northern Ireland Annual Abstract of Statistics
Air transport	10.22–10.27	Civil Aviation Authority	Central Statistical Office: Monthly Digest of Statistics Civil Aviation Authority: Annual and Monthly Statistics Accidents to aircraft on the British Register (annual)
Shipping	10.29–10.31	Department of Transport	Central Statistical Office: Monthly Digest of Statistics
	10.32–10.35	Department of Transport HM Customs and Excise	British Business (weekly) Port Statistics (annual) Transport Statistics Great Britain (annual) Nationality of vessels in seaborne trade (Business Monitor M8)
Passenger movement	10.36	Department of Transport; Civil Aviation Authority	Central Statistical Office: Monthly Digest of Statistics
Communications	10.37	Home Office Post Office	Central Statistical Office: Monthly Digest of Statistics Post Office report and accounts (annual)
11. Distributive trades and services n.e.s.			
	11.1	Business Statistics Office	Retailing 1982 Business Monitor SDO 25 (biennially) Business Monitor SDA 25
	11.2	Business Statistics Office	British Business (weekly) Business Monitor SDM 28 (monthly) Central Statistical Office: Monthly Digest of Statistics
	11.3	Business Statistics Office	British Business (weekly) Business Monitor SDO 24
	11.4	Business Statistics Office	British Business (weekly) Business Monitor SDO 29
Scientific research and development	11.5–11.9	Department of Trade and Industry	British Business (weekly) Industrial Research and Development Expenditure and Employment Business Monitor MO14 Central Statistical Office: Economic Trends, August 1981, August 1982, September 1983, August 1984, August 1985 and August 1986
12. External trade			
	12.1–12.6	Department of Trade and Industry	Monthly Review of External Trade Statistics Overseas Trade Statistics of the United Kingdom, (Annual Supplement) Central Statistical Office: Monthly Digest of Statistics
13. Balance of payments			
	13.1–13.3	Central Statistical Office	United Kingdom Balance of Payments (annual) Quarterly figures: Economic Trends
	13.3	Bank of England; HM Treasury	United Kingdom Balance of Payments (annual) Quarterly figures: Financial Statistics
Overseas aid	13.4,13.5	Overseas Development Administration	British Aid Statistics (annual), Statistics of UK Economic Aid to Developing Countries
14. National income and expenditure			
	14.1–14.15	Central Statistical Office	United Kingdom National Accounts (annual) Monthly Digest of Statistics Economic Trends (monthly)
15. Personal income, expenditure and wealth			
	15.1	Central Statistical Office; Department of Employment	Economic Trends, December 1982
	15.2	Board of Inland Revenue	Inland Revenue Statistics (annual) Central Statistical Office: Economic Trends, February 1981
	15.3–15.5	Department of Employment	Family Expenditure Survey (annual)
16. Home finance			
Central government	16.1, 16.2	Central Statistical Office	Financial Statistics (monthly)
	16.3–16.7, 16.11	HM Treasury; Central Statistical Office; Bank of England	Consolidated Fund and National Loans Fund Accounts Financial Statistics (monthly)

Subject	Table number in <i>Abstract</i>	Government department or other organisation	Official publication or other source
Saving	16.9	Department for National Savings	Annual report of the Inspection Committee of Trustee savings banks Accounts of National Savings Bank; Investment Deposit Accounts (annual) Ordinary Deposit Accounts (annual) Accounts of Savings Banks Funds (annual) Accounts of Trustee savings banks (annual)
Central government	16.10, 16.11	Board of Inland Revenue	Inland Revenue Statistics (annual)
Rateable values	16.12	Board of Inland Revenue	Rates and Rateable values in England and Wales (annual)
Local authorities	16.13, 16.14	Department of the Environment	Local government financial statistics (England and Wales) (annual) Welsh Office: Welsh local government financial statistics (annual)
		Public Works Loan Board	Annual report of the Public Works Loan Board
		Scottish Office, Central Statistics Unit	Local financial returns (Scotland) (annual)
		Department of the Environment for Northern Ireland Welsh Office	District Council—Summary of Statements of Accounts (annual)
	16.15, 16.16	Department of the Environment Welsh Office	Local government financial statistics (England and Wales) (annual)
	16.17	Water Authorities Association	Digest of environmental protection and water statistics (annual) Water Facts
	16.18, 16.19	Department of the Environment Welsh Office	Local government financial statistics (England and Wales) (annual)
	16.20—16.22	Scottish Office, Central Statistics Unit	Local financial returns (Scotland) (annual)
	16.23—16.25	Department of the Environment for Northern Ireland	Local authority financial returns (Northern Ireland) (annual) District Council—Summary of Statement of Accounts (annual)
	17. Banking, Insurance, etc.		
Banking	17.1 17.3—17.6	Bank of England	Bank of England Annual Report and Accounts Bank of England Quarterly Bulletin
	17.2	Bankers' Clearing House	Annual report of the Bankers' Clearing House
	17.7	Bank of England; Central Statistical Office	Financial Statistics (monthly)
	17.8 17.9	Bank of England Bank of England	Bank of England Quarterly Bulletin Bank of England Quarterly Bulletin Central Statistical Office: Monthly Digest of Statistics Central Statistical Office: Financial Statistics (monthly)
Capital markets	17.10	Bank of England	Central Statistical Office: Financial Statistics (monthly)
	17.11	Council of The Stock Exchange	Stock Exchange Fact Book (quarterly)
	17.12	Bank of England	Central Statistical Office: Financial Statistics (monthly)
Other financial institutions	17.13	Registry of Friendly Societies	Report of the Chief Registrar of Friendly Societies, incorporating the Report of the Industrial Assurance Commissioner (annual)
	17.14, 17.15	Department of Trade and Industry	British Business (weekly) Business Monitor (monthly)
	17.16	Bank of England	Central Statistical Office: Financial Statistics (monthly)
	17.17, 17.18	Central Statistical Office; Department of Trade and Industry	Financial Statistics (monthly) Business Monitor M25 (quarterly)
	17.19, 17.20	Registry of Friendly Societies	Report of the Chief Registrar of Friendly Societies, incorporating the Report of the Industrial Assurance Commissioner (annual)
	17.21	Office of the Industrial Assurance Commissioner	Report of the Chief Registrar of Friendly Societies, incorporating the Report of the Industrial Assurance Commissioner (annual)
	17.22	Registry of Friendly Societies	Report of the Chief Registrar of Friendly Societies, incorporating the Report of the Industrial Assurance Commissioner (annual)
Insurance	17.23, 17.24	Office of the Industrial Assurance Commissioner	Report of the Chief Registrar of Friendly Societies, incorporating the Report of the Industrial Assurance Commissioner (annual)

Subject	Table number in Abstract	Government department or other organisation	Official publication or other source
Companies	17.25	Department of Trade and Industry	Business Monitor MQ7 (quarterly) British Business (weekly) Central Statistical Office: Financial Statistics (monthly)
	17.26	Department of Trade and Industry Business Statistics Office	Business Monitor MA3 (annual)
Insolvency	17.27, 17.28, 17.29, 17.30	Department of Trade and Industry	British Business (weekly) Bankruptcy, General annual report Companies in (annual) Central Statistical Office: Financial Statistics (monthly) Civil judicial statistics, Scotland (annual) Ulster Yearbook

18. Prices

18.1–18.4	Business Statistics Office	British Business (weekly) Central Statistical Office: Monthly Digest of Statistics
18.5, 18.7	Central Statistical Office	Monthly Digest of Statistics
18.6	Department of Employment	Employment Gazette (monthly)
18.8, 18.9	Ministry of Agriculture, Fisheries and Food	Agricultural Statistics, United Kingdom (annual) Central Statistical Office: Monthly Digest of Statistics
18.10	Ministry of Agriculture, Fisheries and Food	Annual Review of Agriculture (annual)

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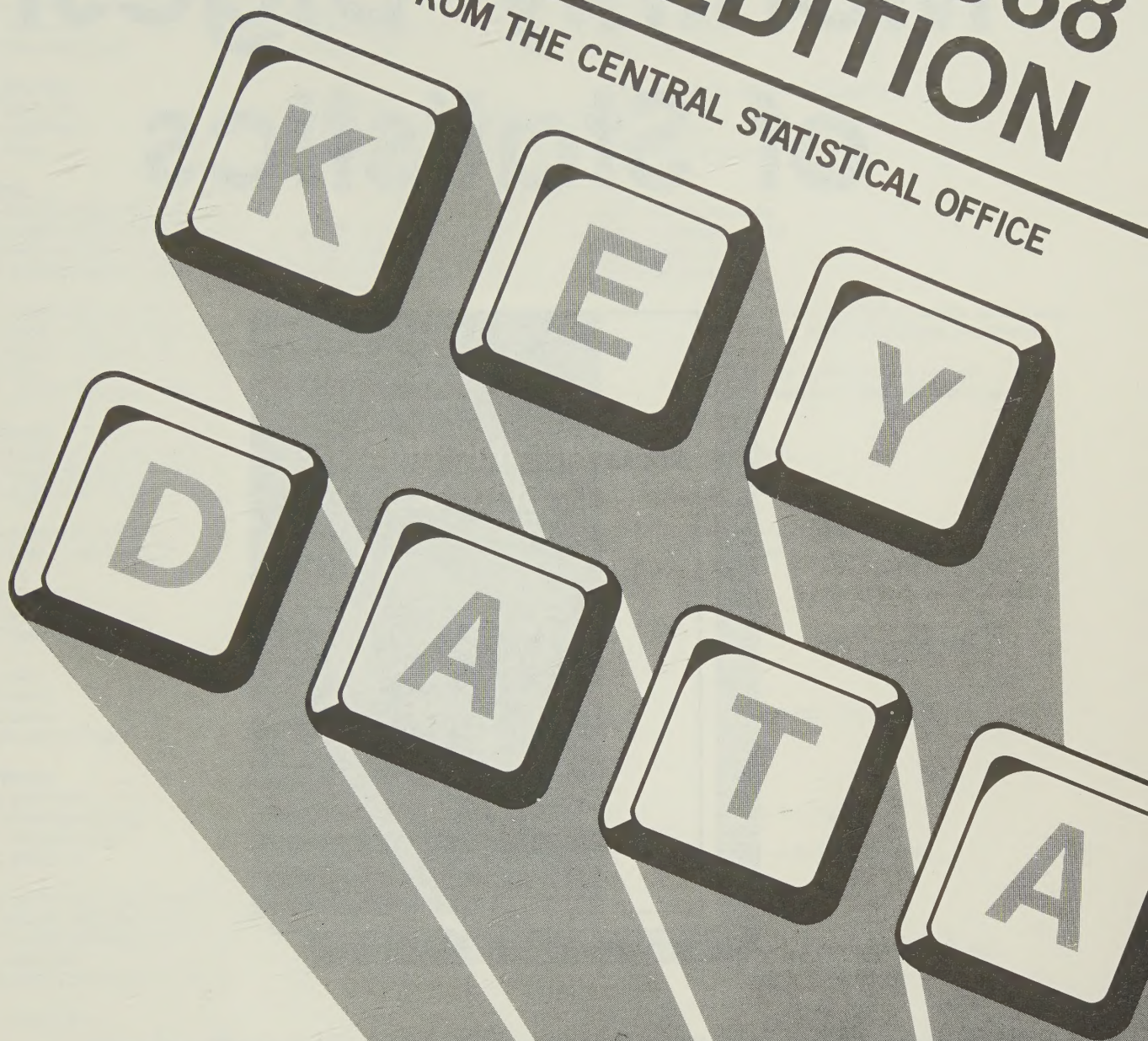
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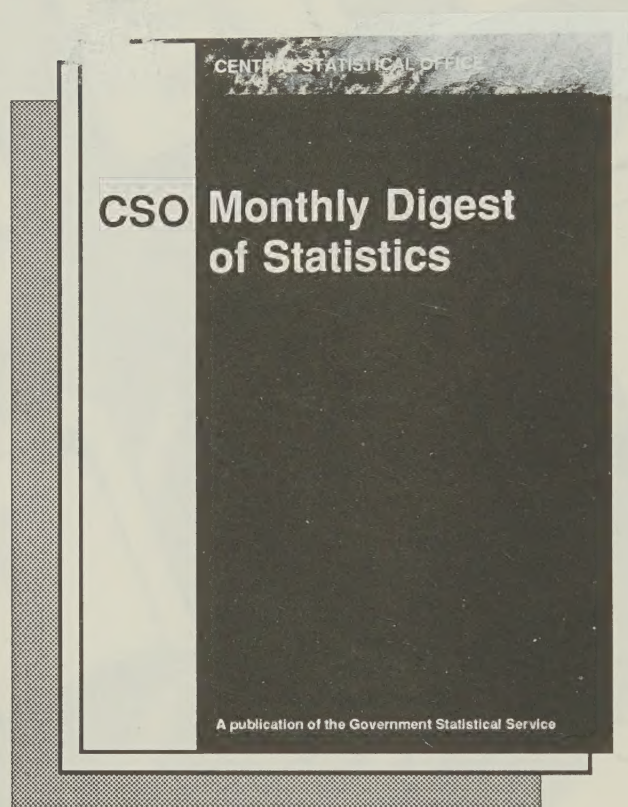
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Units of measurement



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Length

1 millimetre (mm)		= 0.039 370 1 inch
1 centimetre (cm)	= 10 millimetres	= 0.393 701 inch
1 metre (m)	= 1 000 millimetres	= 1.093 61 yards
1 kilometre (km)	= 1 000 metres	= 0.621 371 mile
1 inch (in.)		= 25.4 millimetres or 2.54 centimetres
1 foot (ft.)	= 12 inches	= 0.304 8 metre
1 yard (yd.)	= 3 feet	= 0.914 4 metre
1 mile	= 1 760 yards	= 1.609 34 kilometres

Area

1 square millimetre (mm ²)		= 0.001 55 square inch
1 square metre (m ²)	= one million square millimetres	= 1.195 99 square yards
1 hectare (ha)	= 10 000 square metres	= 2.471 05 acres
1 square kilometre (km ²)	= one million square metres	= 247.105 acres
1 square inch (sq. in.)		= 645.16 square millimetres or 6.451 6 square centimetres
1 square foot (sq. ft.)	= 144 square inches	= 0.092 903 square metre or 929.03 square centimetres
1 square yard (sq. yd.)	= 9 square feet	= 0.836 127 square metre
1 acre	= 4 840 square yards	= 4 046.86 square metres or 0.404 686 hectare
1 square mile (sq. mile)	= 640 acres	= 2.589 99 square kilometres or 258.999 hectares

Volume

1 cubic centimetre (cm ³)		= 0.061 023 7 cubic inch
1 cubic decimetre (dm ³)	= 1 000 cubic centimetres	= 0.035 314 7 cubic foot
1 cubic metre (m ³)	= one million cubic centimetres	= 1.307 95 cubic yards
1 cubic foot (cu. ft.)		= 0.028 316 8 cubic metre or 28.316 8 cubic decimetres
1 cubic yard (cu. yd.)	= 27 cubic feet	= 0.764 555 cubic metre

Capacity

1 litre (l)	= 1 cubic decimetre	= 0.220 gallon
1 hectolitre (hl)	= 100 litres	= 22.0 gallons
1 pint		= 0.568 litre
2 pints	= 1 quart	= 1.137 litres
8 pints	= 1 gallon	= 4.546 09 cubic decimetres or 4.546 litres
36 gallons (gal.)	= 1 bulk barrel	= 1.636 56 hectolitres

Weight

1 gram (g)		= 0.035 274 0 ounce
1 hectogram (hg)	= 100 grams	= 3.527 4 ounces or 0.220 462 pound
1 kilogram (kg)	= 1 000 grams or 10 hectograms	= 2.204 62 pounds
1 tonne (t)	= 1 000 kilograms	= 1.102 31 short tons or 0.984 2 long ton
1 ounce avoirdupois (oz.)		= 28.349 5 grams
1 pound avoirdupois (lb.)	= 16 ounces	= 0.453 592 37 kilogram
1 hundredweight (cwt.)	= 112 pounds	= 50.802 3 kilograms
1 short ton	= 2 000 pounds	= 907.184 74 kilograms or 0.907 184 74 tonne
1 long ton (referred to as ton)	= 2 240 pounds	= 1 016.05 kilograms or 1.016 05 tonnes
1 ounce troy	= 480 grains	= 31.103 5 grams

Energy

British thermal unit (Btu)	= 0.252 kilocalorie (kcal) = 1.05 506 kilojoule (kJ)
Therm	= 100 000 British thermal units = 25 200 kcal = 105 506 kJ
Megawatt (Mw)	= 10 ⁶ watts
Gigawatt hour (GWh)	= 10 ⁶ kilowatt hours = 34 121 therms

Food and drink

Butter	23 310 litres milk	= 1 tonne butter (average)
Cheese	10 070 litres milk	= 1 tonne cheese
Condensed milk	2 550 litres milk	= 1 tonne full cream condensed milk
	2 953 litres skimmed milk	= 1 tonne skimmed condensed milk
Milk	1 million litres	= 1 030 tonnes
Milk powder	8 054 litres milk	= 1 tonne full cream milk powder
	10 740 litres skimmed milk	= 1 tonne skimmed milk powder
Eggs	17 126 eggs	= 1 tonne (approximate)
Sugar	100 tonnes raw sugar	= 95 tonnes refined sugar
Beer	1 bulk barrel	= 36 gallons irrespective of gravity

Shipping

Gross tonnage	= The total volume of all the enclosed spaces of a vessel, the unit of measurement being a ton of 100 cubic feet.
Deadweight tonnage	= Deadweight tonnage is the total weight in tons of 2 240 lb. that a ship can legally carry, that is the total weight of cargo, bunkers, stores and crew.

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